

2004 Kentucky Hybrid Corn Performance Test

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The objective of the Kentucky Hybrid Corn Performance Test is to provide performance estimates of hybrid seed corn sold in Kentucky. Every effort has been made to conduct the test in an unbiased manner according to accepted agronomic practices.

Presentation of Data

Complete 2004 data is presented for the tests at each location. Two- and three-year averages for yield are included in each of the single location tables. Readers are encouraged to consider multiple-year averages and averages over locations reported in Tables 4E-1YR, 4E-2YR, 4E-3YR, 5M-1YR, 5M-2YR, 5M-3YR, 6L-1YR, 6L-2YR, 7W-1YR, 7W-2YR, and 7W-3YR. These tables present better estimates of hybrid yield ability than data gathered at one location in one year.

Comparisons between yields and other characters of any two or more hybrids should be made only with data from one table at a time. Hybrids are grouped into early, medium, late, white, and high oil tests based on relative maturity or trait characteristic. Hybrids that yield equally as high as the highest yielding hybrid, based on statistical evaluation, are indicated by an asterisk. See the "Hybrid Comparisons" and the "Experimental Design and Mean Comparisons" text sections for more detail.

Testing Procedure

Selection of Hybrids

The hybrids chosen for testing are those most likely to be available for sale in 2005. Seed of each commercial hybrid (Table 2) was obtained from the sponsoring company. Each company defined the maturity of its hybrids and was given the opportunity to identify the proper tests for those hybrids.

Location of Tests

The map below shows the test locations. The test sites were selected to represent different agroclimatic areas of Kentucky where corn is a major commodity.

Cultural Practices

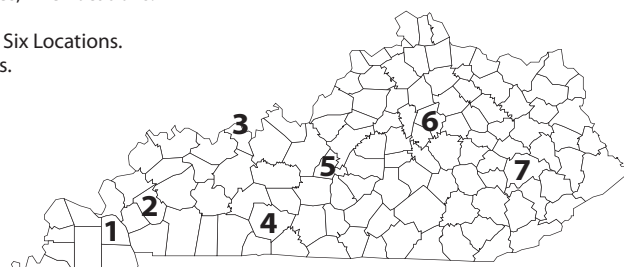
Corn was planted no-till into soybean stubble at all locations except Quicksand, where corn was planted no-till into wheat cover crop stubble. Fertilizer was applied as indicated by soil tests.

All test areas were treated with herbicide(s) and supplemented by postemergence cultivation and/or herbicide when necessary. Force was applied in the row at planting to control corn rootworms. Table 3 shows the specific cultural treatment for each location and includes notes about the growing season.

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Locations of the 2004 Hybrid Corn Performance Test



E=Early, M=Medium, L=Late, W=White Locs=Location

Web site: <http://www.uky.edu/Ag/GrainCrops/varietytesting.htm>

Experimental Design and Mean Comparisons

Each hybrid was grown in three replications at each location to sample uncontrollable variability of soil types, fertility, and other factors. Annual mean yields presented in the tables are averages of three replications at the test site, while two-year and three-year means are averages of six and nine replications, respectively. A randomized complete block (RCB) design was used for each maturity group test at each location.

These tests are designed to predict yield ability. Slight differences in yield ability can occur as a result of variability in the field. The least significant difference (LSD) is used to account for that variability and to help determine significant differences between hybrid performances.

Consider the following example:

Hybrid	Yield (bu/acre)
A	165
B	155
C	140
LSD (0.10)	12

The yield difference between Hybrid A and Hybrid B is 10 bu/acre ($165 - 155 = 10$). The difference is less than the LSD (12 bu/acre). Based on the LSD, the yield difference between hybrids A and B is not significant. Hybrids A and B have the same yield in this test. However the yield difference between Hybrids A and C is 25 bu/acre ($165 - 140 = 25$), which is greater than the LSD (12 bu/acre). Based on the LSD, Hybrid A yielded more than Hybrid C in this test.

The LSD occurs at the bottom of each table. Yields that are less than the LSD are not significantly different from each other. The notation "N.S." in the tables indicates that no statistically significant differences were determined. An asterisk has been placed alongside yields that are not significantly different from the highest yield mean in that column. In addition, the tables are sorted from greatest yield to least yield.

The "C.V." is a calculated value that helps indicate unexplained variation. A smaller C.V. indicates less unexplained variation and more precise results.

Planting

All plots were planted with a John Deere Maxi-Emerge vacuum, two-row, no-till planter modified for small plot work. Modified planting cones replaced the planter boxes and allowed placement of a specified number of kernels per plot. Each hybrid was planted into plots consisting of two rows 30 inches apart and 22 feet long. Short-stature hybrids were planted into four rows for each plot. Hybrid seed was planted at 40 seeds/row for each plot. When seedlings were 12 to 18 inches tall, the stands were thinned to 33 plants/row equaling 26,000 plants/acre.

Harvesting

All plots were harvested with a Massey Ferguson MF 8-XP two-row corn combine. Both rows of each two-row plot were picked and shelled. Only the two center rows of the short-stature hybrid plots were harvested. The grain weight, moisture content, and test weight of corn from each plot were measured with an electronic scale and moisture meter mounted on the combine. Yields were calculated for grain at 56 pounds per bushel and adjusted to 15.5% moisture. The test weight reported in each annual table for any hybrid is not corrected for harvest moisture and is reported at the moisture content for that hybrid listed in that table. Dropped ears were not gleaned from the plots.

The total number of lodged plants was recorded at harvest. Also at harvest, selected plots were observed to indicate apparent European corn borer damage by counting the number of broken tops per plot, according to a protocol by Rick Bessin, Ph.D., Department of Entomology, University of Kentucky. Corn borer damage was moderate at the Hodgenville location and was minor at the other locations. In general, Bt hybrids had less apparent corn borer damage than non-Bt hybrids.

Hybrid Comparisons

The Kentucky Hybrid Corn Performance Test is divided into five tests: early, medium, and late maturities, white, and high oil hybrids. These divisions provide evaluations of the five hybrid groups without competition biases. The divisions do not allow for comparisons across groups. For example, a hybrid in the early test cannot be compared to a hybrid in the late test. The early, medium, late, and white tests were grown at all seven locations for a total of 28 tests. The high oil tests were grown at three locations.

The early maturity hybrid group in Table 4E and all subsequent "E" tables are those hybrids rated by the parent seed company to mature in 112 days or earlier.

The medium maturity hybrid group in Table 4M and all subsequent "M" tables include those hybrids rated by the parent seed company to mature in 113 to 117 days.

The late maturity hybrid group in Table 4L and all subsequent "L" tables include those hybrids rated by the parent seed company to mature in 118 days or later.

The white hybrid group in Table 4W and all subsequent "W" Tables include those hybrids with a white seed coat and rated by the parent seed company to mature in 112 to 118 days.

The high oil hybrid group in Table 16 includes those hybrids with the TopCross Blend trait.

Open-pedigree hybrids of known maturity were included in each early, medium, and late test to provide an internal evaluation of hybrid maturity. The seed of these hybrids were obtained from Illinois Foundation Seeds, Inc., at Champaign, Ill.

Grain moisture of hybrids in the early, medium, and late tests should be within the LSD of the check hybrid grain moisture for that test. Hybrids with grain moisture above the LSD of the check hybrid likely belong in a later-maturing test. Each hybrid is placed in the early, medium, and late tests based on the hybrid maturity defined by the company.

Notes about the 2004 growing season follow Table 3.

Chemical Analysis of the Early, Medium, Late, and White Tests

Grain chemical composition was measured from one replication of each early, medium, late, and white maturity test at each location. These samples were analyzed by the Kentucky Grain Quality Laboratory at Lexington¹ using Near Infrared Reflection Spectroscopy (NIRS). The NIRS analysis provided evaluation of protein, starch, and oil and is presented in Tables 8 and 16 for grain at 0% moisture.

Since grain used in feed rations contains moisture, the composition variables provided in Tables 8 and 16 should possibly be used at a moisture content that is different than 0%. A suitable moisture in most feed rations is 15%. To convert to 15% moisture, multiply the values in Tables 8 or 16 by 0.85. For any other moisture content, multiply the values by $(100 - \% \text{ moisture})/100$.

High Oil Tests

Eight high oil hybrid blends (TC High Oil Blend®) were tested at three locations with three replications per location. The two-location average yield data is available in Table 16D. A 20 to 25 plant hand pollinated sample from each replication of the Lexington test was analyzed for chemical composition. The chemical composition values presented in Table 16F are given for grain at 0% moisture.

Acknowledgments

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- David Ditsch, Superintendent, and William Bowling, Farm Manager, Robinson Substation, Quicksand
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- Lincoln Martin, Extension Agent, Marshall County
- Joanna Coles, Extension Agent, Warren County
- Diane Perkins, Extension Agent, Hancock County
- David Harrison, Extension Agent, LaRue County

¹The Grain Quality Laboratory is a service provided by the University of Kentucky with funding from the Kentucky Corn Growers Association.

TABLE 1. PRECIPITATION AT TEST LOCATIONS, 2004.

Month	Days	Location						
		Benton	Princeton	Lewisport	Hodgenville	Lexington	Quicksand	Bowling Green
April	1-8	0.00	0.10	1.04	0.04	0.10	0.41	0.00
	9-16	0.00	1.62	0.70*	1.82	1.42	3.01	1.84
	17-24	2.12*	1.48	1.76	2.38	1.85	0.61	2.92*
	25-30	1.05	2.12*	2.49	0.71*	0.36	0.81	0.09
	Total	3.17	5.32	5.99	4.95	3.73	4.84	4.85
May	1-8	0.32	0.71	3.35	0.50	1.41*	0.82*	1.32
	9-16	1.90	2.07	1.19	2.62	1.31	1.14	2.68
	17-24	0.00	0.00	1.99	0.67	1.17	2.14	0.20
	25-31	2.58	4.56	0.44	7.85	7.03	7.12	4.49
	Total	4.80	7.34	6.97	11.64	10.92	11.22	8.69
June	1-8	0.00	0.04	0.58	0.10	0.77	1.24	0.37
	9-16	2.71	2.74	2.16	1.91	2.30	2.78	2.22
	17-24	0.54	0.57	0.00	1.03	1.40	1.11	0.43
	25-30	0.02	0.05	0.54	0.76	0.48	1.91	0.08
	Total	3.27	3.40	3.28	3.80	4.95	7.04	3.10
July	1-8	1.64	2.04	0.18	3.46	2.40	0.40	1.70
	9-16	0.91	0.22	0.31	2.68	0.30	0.00	2.21
	17-24	0.11	0.57	0.72	0.99	2.15	0.00	0.28
	25-31	1.49	2.04	0.00	2.35	3.84	1.90	1.27
	Total	4.15	4.87	1.21	9.48	8.69	2.30	5.46
August	1-8	0.57	1.20	0.83	1.96	1.17	0.70	1.01
	9-16	0.14	0.06	0.79	0.24	0.11	0.00	0.04
	17-24	1.48	0.92	0.39	0.79	0.94	0.27	2.33
	25-31	0.42	0.84	1.07	0.53	1.84	0.40	0.78
	Total	2.61	3.02	3.08	3.52	4.06	1.37	4.16
Sept	1-8	0.02	0.00	5.75	0.21	0.81	4.10	0.19
	9-16	0.08	0.07	0.00**	0.88	0.34	0.18	0.47**
	17-24	0.00**	0.13**	1.61	1.12	2.07	2.50	0.43
	25-30	0.00	0.00	0.53	0.00**	0.00	0.02	0.00
	Total	0.10	0.20	7.89	2.21	3.22	6.80	1.09
Grand Total		18.10	24.15	28.42	35.60	31.94	33.57	27.35

* Planted. ** Harvested in September, all others harvested in October.

TABLE 2. HYBRIDS TESTED IN 2004.

Company	Hybrid	Trait*	Test**	Color	CRM***	Source
Adler Seeds	5010		E	Yellow	112	Adler Seed 6085 W 550 N Shaprsville, IN 46068
	7400		M	Yellow	114	
Agrigold	A6445	BT,CL	E	Yellow	108	AgriGold Hybrids RR#1 Box 203 St. Francisville, IL 62460
	A6395	BT	E	Yellow	108	
	A4325		E	Yellow	112	
	A3400	BT	M	Yellow	113	
	A6454	BT	M	Yellow	114	
	A6610		M	Yellow	115	
	A2400	BT	L	Yellow	117	
	A2402	BT	L	Yellow	118	
	A6537W		W	White	113	
	HO-A6395	TC	HO	High Oil	107	
	HO-A6445	TC	HO	High Oil	109	
	HO-A6490	TC	HO	High Oil	112	
Beck's	5422	CB,CL	E	Yellow	110	Beck's Hybrid 6767 E 276 St Atlanta, IN 46031
	296		M	Yellow	114	
Bio-Gene	BG1115		E	Yellow	111	Bio-Gene Seeds 5491 Tri County Hwy. Sardina, OH 45171
	BG1122	RR,BT	E	Yellow	112	
	BG1132		M	Yellow	113	
	BG1143	YGCB	M	Yellow	114	
	BG1150	BT	M	Yellow	115	
Caverndale Farm's Inc.	CF788	RR2	E	Yellow	112	Caverndale Farms Inc. 1921 Bluegrass Pike Danville, KY 40422
	CF825	YGCB	M	Yellow	113	
	CF815	RR2	M	Yellow	115	
	CF837	RR2,YGCB	M	Yellow	116	
	CF1015	RR2	L	Yellow	118	
Croplan Genetics	631	RR,BT	E	Yellow	110	Croplan Genetics P.O.Box 64281 MS5850 St. Paul, MN 55164-0281
	691	BT,LL	E	Yellow	112	
	731	HX,LL	M	Yellow	113	
	721	CRW,BT	M	Yellow	113	
	799	BT	M	Yellow	117	
	895	BT	L	Yellow	120	
Crows	4911B	BT	E	Yellow	110	Crows Hybrid Corn Co. P.O. Box 152 Kentland, IN 47951
	5321B	BT	E	Yellow	112	
	6620B	BT	M	Yellow	115	
Dyna-Gro	57P69	BT,RR	E	Yellow	112	UAP Seeds 544 Pridgen Pond Rd. Kinston, AL 36453
	5545		E	Yellow	112	
	57P46	BT,RR	E	Yellow	112	
	57K14	RR	M	Yellow	114	
	57F87	YG	M	Yellow	114	
	57K25	RR	M	Yellow	114	
Exsegen	ES112		E	Yellow	111	Miles Seed P.O. Box 22879 Owensboro, KY 42304
	ES414		M	Yellow	114	
	ES617		L	Yellow	118	
Garst Seed Co.	8450	IT	E	Yellow	111	Garst Seed Co. 7728 State Road 1241 Hickory, KY 42051
	8350	YG1	M	Yellow	116	
	8292	YG1	L	Yellow	118	
Gateway	9411	YGCB	E	Yellow	111	Gateway Seed Co. 5517 Van Burew Rd. Nashville, IL 62263
	3912	YGCB,RR	E	Yellow	112	
	2612	CL	E	Yellow	112	
Golden Harvest	H-9006	BT	E	Yellow	111	Golden Harvest R.R.3 Box 257 Clinton, IL 61727
	H-8906		E	Yellow	111	
	H-8959	BT	E	Yellow	111	
	H-9247	BT	M	Yellow	113	
	H-9236	BT,RR	M	Yellow	113	
	H-9364		M	Yellow	114	
	H-9461		L	Yellow	118	
	H-9493	BT	L	Yellow	119	
	LG Seeds	LG2540	BT	E	Yellow	
LG2585			E	Yellow	111	
LG2633		BT	M	Yellow	113	
LG2622		BT	M	Yellow	115	
Monsanto Asgrow Dekalb	RX715RR2	RR2	E	Yellow	111	Monsanto 800 N. Lindbergh Blvd. St. Louis, MO 63167
	RX818W		W	White	115	
	DKC60-19	RR2,YGCB	E	Yellow	110	
	DKC61-45	RR2,YGCB	E	Yellow	111	
	DKC61-50		E	Yellow	111	
	DK63-79	YGCB	M	Yellow	113	
	DK63-80	RR2	M	Yellow	113	
	DKC63-81	RR2,YGCB	M	Yellow	113	
	DKC64-10	RR2	M	Yellow	114	
	DKC64-11	RR2,YGCB	M	Yellow	114	
	DKC69-71	RR2,YGCB	L	Yellow	119	

continued on next page

TABLE 2. HYBRIDS TESTED IN 2004.

Company	Hybrid	Trait*	Test**	Color	CRM***	Source
Mycogen	2T780	HX	E	Yellow	112	Mycogen Seeds 9330 Zionsville Rd. Indianapolis, IN 46268
	2H789	CL	E	Yellow	112	
	2P786	HX	M	Yellow	114	
	2J787		M	Yellow	114	
Syngenta Seeds NK Brands	N65-M7		E	Yellow	109	Syngenta Seeds 535 Pennyryle Dr. Madisonville, KY 42431 Att. Les Radford
	N70-T9		E	Yellow	112	
	N76-H2		M	Yellow	114	
	N82-A7		L	Yellow	118	
Pioneer	34H32	YGCB	E	Yellow	109	Pioneer, A Dupont Co. 6767 Old Madison Pike Suit 110 Huntsville, AL 35806
	34B24	YGCB	E	Yellow	110	
	33N56		E	Yellow	112	
	33M54		M	Yellow	114	
	33P67	YGCB	M	Yellow	114	
	33R77		M	Yellow	114	
	33R78	YGCB	M	Yellow	114	
	33V15		M	Yellow	114	
	31G66		L	Yellow	118	
	31N27		L	Yellow	118	
	31N28	YGCB	L	Yellow	119	
	32D99		L	Yellow	119	
	33V62		W	White	114	
	32B10		W	White	116	
	32T78		W	White	116	
Pfister	3977	BT	M	Yellow	115	Pfister Hybrid Corn Co. 187 N. Fayette St. El Paso, IL 61738
	HO-SK2540-19		HO	High Oil	110	
	HO-SK2550-19		HO	High Oil	111	
	HO-SK3977-19		HO	High Oil	115	
Seed Consultants	SC10RR92		E	Yellow	107	Seed Consultants Inc. P.O. Box 370 648 Miami Trace Rd S.W. Washington C.H., OH 43160
	SC11B23		E	Yellow	111	
	SC1124A		E	Yellow	111	
	SC11B40		M	Yellow	113	
	SC1144		M	Yellow	114	
Southern States	SS93008		E	Yellow	108	Southern States Corp. 6606 West Brase ST. Richmond, VA 23260
	SS94003		E	Yellow	110	
	SS670	BT	E	Yellow	110	
	SS842	RR	M	Yellow	115	
	SS42176		M	Yellow	115	
	SS849	CL	M	Yellow	117	
Unity Seeds	8209		E	Yellow	108	Unity Seeds 107 Fallon St. Kentland, IN 47951
	6296		M	Yellow	113	
Vigoro	V52Y41	YGCB	E	Yellow	111	Royster Clark, Inc. 717 Robinson Road S.E. Washington C.H., OH 43160
	V5450		M	Yellow	113	
	V56Y51	YGCB	M	Yellow	115	
	V58Y41	YGCB	L	Yellow	118	
Wyffels	W6578	YGCB, CL	E	Yellow	110	Miles Seed P.O. Box 22879 Owensboro, KY 42304
	W7273	YGCB	E	Yellow	110	
	W7260		E	Yellow	112	
	W7303	YGCB	E	Yellow	112	
	W7293	YGCB	E	Yellow	112	
	W8603	YGCB	M	Yellow	114	
	W8543	YGCB	M	Yellow	114	
	HO-W7185		HO	High Oil	110	
	HO-W7355		HO	High Oil	112	
	Zimmerman	WX7313		W	White	
WX7663			W	White	118	
1851W			W	White	118	
Kentucky Agricultural Experiment Station	Early Check		E	Yellow	112	Illinois Found. Seeds, Inc. P.O. Box 722 Champaign, IL 61820
	Medium Check		M	Yellow	115	
	Late Check		L	Yellow	119	

*Trait:

BT = corn borer resistance
 BTCB = corn borer resistance
 BTRW = corn rootworm resistance
 CB = corn borer resistance
 CL = Clearfield Corn (Lightning herbicide tolerance)
 CRW = corn rootworm resistance
 HX = Herculex (European corn borer resistance)
 IT = imidazolinone tolerance (Lightning herbicide tolerance)
 LL = Liberty Link (Liberty herbicide resistance)
 RR = Roundup Ready Corn (glyphosate tolerance)
 RR2 = Roundup Ready Corn 2 (new event, glyphosate tolerance)
 TC = TopCross corn (high oil)
 YG = YieldGard (corn borer resistance)
 YG1 = corn borer resistance
 YGBT = YieldGard (corn borer resistance)
 YGCB = YieldGard Corn Borer (corn borer resistance)
 YGRW = YieldGard RootWorm (corn rootworm resistance)

**Test: E = Early, M = Medium,
 L = Late, HO = High Oil,
 W = White

***CRM: Cumulative Relative
 Maturity (days)

Data provided by the seed
 companies

TABLE 3. AGRONOMIC INFORMATION PERTAINING TO 2004 TEST LOCATIONS.

Location and Cooperator	Soil Type	Fertilizer lb/acre	Herbicide	Insecticide	Planting Dates	Harvest Dates	Previous Crop
1) Benton, KY David and Dennis Joseph Farm	Grenada	N - 185 P ₂ O ₅ - 165 K ₂ O - 0	Balance Roundup Steadfast, AMS Surfactant, Harnees Atrazine	Warrior T Force 1.5G	April 19	Sept. 20 & 21	soybean
2) Princeton, KY Western Kentucky Res. & Ed. Center	Huntington Silt Loam	N - 185 P ₂ O ₅ - 100 K ₂ O - 50	Bicep II Magnum Gramoxone	Force 1.5G	April 28	Sept. 21 & 22	soybean
3) Lewisport, KY Shelby Emmick Farm	Wheeling Loam	N - 185 P ₂ O ₅ - 92 K ₂ O - 120	Harness Extra Aatrex	Force 1.5G Pounce	April 15 & 14	Sept. 13	soybean
4) Bowling Green, KY Tucker Farm	Pembroke	N - 215 P ₂ O ₅ - 80 K ₂ O - 32	Atrazine Roundup Max Steadfast & Regent	Force 1.5G	April 18	Sept. 15	soybean
5) Hodgenville, KY Steve Sheffer Farm	Elk	N - 175 P ₂ O ₅ - 80 K ₂ O - 80	Roundup Atrazine Princep	Warrior Force 1.5G	April 29	Sept. 27 & 28	soybean
6) Lexington, KY K.A.E.S. Spindletop Farm	Maury Silt Clay Loam	N - 200 P ₂ O ₅ - 0 K ₂ O - 100	Bicep II Magnum Exceed	Force 1.5G	May 5 & 6	Oct. 4 & 5	soybean
7) Quicksand, KY Robinson Forest Station	Philo Silt Loam	N - 160 P ₂ O ₅ - 0 K ₂ O - 0	Bicep II Roundup Exceed	Force 1.5G	May 7	Oct. 6 & 7	wheat

NOTES on the 2004 GROWING SEASON

BENTON

There was very little weed or corn borer pressure at this location.

PRINCETON

There was very little weed or corn borer pressure at this location.

BOWLING GREEN

There was no Southwestern corn borer damage and excellent weed control.

LEWISPORT

There was excellent weed control and no corn borer pressure.

HODGENVILLE

There was some damage due to Southwestern corn borer (15%). There was some damage due to storms, which caused lodging problems.

LEXINGTON

There were no pest problems at this location, and weed control was excellent.

QUICKSAND

This location had no damage due to Southwestern corn borer. There were some weed problems in the early test with a Johnsongrass infestation in rep 1.

TABLE 4E-1YR. ANNUAL SUMMARY, 2004, EARLY HYBRIDS (112 DAYS TO MATURITY OR EARLIER), ALL LOCATIONS.

BRAND/HYBRID	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LODG % 2004	TEST WT LBS/BU 2004
SO. STATES SS670Bt	226.3*	15.8	97.6	1.2	56.5
ASGROW RX715RR2	223.9*	16.4	99.4	2.0	57.1
MYCOGEN 2T780(HX)	223.7*	17.8	99.5	1.0	56.5
CROWS 5321B	223.5*	17.0	99.0	1.3	55.9
PIONEER BRAND 33N56	223.1*	17.1	98.7	0.9	57.4
GARST SEED CO. 8450IT	222.9*	17.1	99.8	1.4	56.0
DYNA-GRO 57P46	222.1*	16.9	99.9	1.0	56.5
CROW'S 4911B	221.8*	15.5	98.8	1.7	56.5
GATEWAY 3912YGCBR	220.9*	15.9	98.2	1.9	56.2
DYNA GRO 57P69BT/RR	220.8*	16.1	100.0	1.7	56.2
LG SEEDS LG2585	219.9*	15.8	99.4	2.2	56.5
NK BRAND N65-M7	219.3*	15.4	99.4	1.8	56.2
DYNA-GRO 5545	218.6*	16.2	98.6	2.1	55.8
CROPLAN GENETICS 631RR/Bt	217.6	15.9	100.0	1.2	56.4
ADLER 5010HX	216.4	16.6	97.9	1.7	56.6
WYFFELS W7273(YGCB)	216.3	15.7	99.8	1.1	56.1
CROPLAN GENETICS 691BT/LL	216.3	16.9	99.4	1.7	55.5
NK BRAND N70-T9	216.1	17.4	100.0	0.3	56.3
PIONEER BRAND 34B24(YGCB)	215.9	16.9	98.7	1.9	56.9
CAVERNDALE CF788RR2	215.7	15.9	97.8	1.9	56.2
GOLDEN HARVEST H-8906	215.3	15.8	100.0	1.2	56.3
AGRIGOLD 6445BTCL	214.6	16.0	99.3	1.1	56.3
WYFFELS W6578(YGCB/CL)	214.6	15.9	100.0	1.2	55.9
SEED CONSULTANTS SC10RR92	214.0	15.4	100.0	1.7	56.2
BECK 5422CBCL	213.7	16.1	98.1	1.2	56.4
DEKALB DKC61-45(RR2/YGCB)	213.5	16.2	100.0	0.9	56.4
VIGORO BRAND V52Y41(YGCB)	213.4	15.9	99.8	1.6	56.5
WYFFELS W7293(YGCB)	213.2	16.4	99.1	1.2	57.2
GOLDEN HARVEST H-9006Bt	212.6	16.2	99.4	1.6	56.0
DEKALB DKC60-19(RR2/YGCB)	212.2	15.7	99.8	0.5	56.7
MYCOGEN 2H789	211.8	16.8	99.8	1.9	57.1
SEED CONSULTANTS SC11B23	211.1	15.4	100.0	1.4	57.1
GOLDEN HARVEST H-8959Bt	210.1	15.8	97.4	1.2	56.8
GATEWAY 2612CL	209.9	17.3	98.4	2.0	55.1
SO. STATES SS94003	209.8	16.1	99.9	1.4	56.1
AGRIGOLD A4325	209.2	15.6	100.0	3.0	55.8
GATEWAY 9411YGCB	208.4	17.2	99.0	1.6	56.3
SEED CONSULTANTS SC1124A	208.3	16.0	99.0	1.0	56.5
LG SEEDS LG2540Bt	208.3	15.5	99.8	0.5	56.0
AGRIGOLD A6395Bt	207.4	15.2	97.7	0.5	56.0
EXSEGEN ES112	206.9	15.7	97.1	1.7	56.1
DEKALB DKC61-50	206.2	16.0	100.0	1.6	55.9
BIO GENE RRB1122	206.1	16.1	99.7	2.2	57.4
EARLY CHECK	203.9	16.3	99.5	1.7	56.4
WYFFELS W7260	203.6	15.7	100.0	1.5	56.6
PIONEER BRAND 34H32(YGCB)	203.4	15.7	98.8	0.9	57.4
SO. STATES SS93008	203.0	14.9	99.4	0.7	55.9
BIO GENE BG1115	199.6	16.1	100.0	1.1	56.5
WYFFELS W7303(YGCB)	198.7	15.7	98.1	2.2	57.5
UNITY SEEDS 8209	194.1	15.5	98.8	0.4	56.0
EARLY AVERAGE	213.2	16.1	99.2	1.4	56.4
LSD (0.10)	8.5	0.5	1.7	0.9	0.7

* In any yield column, a hybrid mean followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

TABLE 4E-2YR. TWO-YEAR SUMMARY, 2003-2004, EARLY HYBRIDS (112 DAYS TO MATURITY OR EARLIER), SIX LOCATIONS.**

BRAND/HYBRID	YIELD BU/AC 03-04	MOIST % 03-04	STAND % 03-04	LODG % 03-04	TEST WT LBS/BU 03-04
CROW'S 4911B	220.8*	18.2	99.9	1.5	56.4
SO. STATES SS670Bt	219.4*	18.8	99.1	1.4	56.3
DYNA GRO 57P69BT/RR	219.0*	18.5	100.0	1.3	55.5
LG SEEDS LG2585	216.1*	18.3	99.9	1.8	55.7
BECK 5422CBCL	215.1*	19.1	98.9	1.1	56.3
NK BRAND N65-M7	215.0*	18.2	99.7	1.4	55.9
VIGORO BRAND V52Y41(YG)	213.4	18.5	99.2	1.4	55.8
PIONEER BRAND 34B24(YGCB)	212.8	19.3	98.2	1.2	57.3
GATEWAY 3912YGCB	212.4	18.7	98.2	1.6	55.5
NK BRAND N70-T9	211.4	20.3	100.0	0.3	56.0
DYNA-GRO 5545	211.2	19.1	98.4	2.1	55.7
SEED CONSULTANTS SC10RR92	209.7	17.7	100.0	1.8	55.5
GATEWAY 2612CL	209.6	19.9	98.6	2.1	55.0
CAVERNDALE CF788RR2	209.6	18.4	99.8	1.7	56.1
AGRIGOLD A6395Bt	209.5	17.4	99.2	0.4	55.5
GOLDEN HARVEST H-8906	207.5	18.0	99.9	1.1	55.6
WYFFELS W7273(YGCB)	206.6	17.9	99.9	0.8	55.7
DEKALB DKC60-19(RR2/YGCB)	204.9	18.1	99.7	0.9	56.3
EXSEGEN ES112	204.6	18.2	97.4	1.7	55.2
GATEWAY 9411YGCB	204.3	19.8	99.6	1.5	56.2
BIO GENE RRBT1122	203.5	18.8	99.8	1.6	57.3
EARLY CHECK	194.6	19.1	99.7	1.5	56.0
EARLY AVERAGE	210.5	18.6	99.3	1.4	55.9
LSD (0.10)	6.3	0.5	1.4	0.7	0.6

TABLE 4E-3YR. THREE-YEAR SUMMARY, 2002-2004, EARLY HYBRIDS 112 DAYS TO MATURITY OR EARLIER), FIVE LOCATIONS.***

BRAND/HYBRID	YIELD BU/AC 02-04	MOIST % 02-04	STAND % 02-04	LODG % 02-04	TEST WT LBS/BU 02-04
PIONEER BRAND 34B24(YGCB)	199.6*	17.6	98.2	1.2	56.7
NK BRAND N65-M7	195.6*	16.6	99.1	1.5	55.0
SEED CONSULTANTS SC10RR92	194.3*	16.1	99.5	1.6	54.7
SO. STATES SS670Bt	193.6*	17.2	98.9	2.1	55.3
LG SEEDS LG2585	193.4*	16.7	99.9	2.1	55.0
EXSEGEN ES112	190.3	16.4	97.4	1.9	54.7
DYNA-GRO 5545	189.6	17.1	98.7	2.2	55.0
GATEWAY 9411YGCB	188.5	17.7	99.4	1.4	55.4
EARLY CHECK	171.2	17.3	99.3	1.5	55.3
EARLY AVERAGE	190.7	17.0	98.9	1.7	55.2
LSD (0.10)	6.2	0.5	1.4	0.7	0.5

* In any yield column, a hybrid mean followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

** Princeton data not included.

*** Princeton and Lexington data not included.

TABLE 5M-1YR. ANNUAL SUMMARY, 2004, MEDIUM HYBRIDS (113-117 DAYS TO MATURITY), ALL LOCATIONS.

BRAND/HYBRID	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LODG % 2004	TESTWT LBS/BU 2004
SO. STATES SS842RR	237.1*	20.4	100.0	1.4	56.2
PIONEER BRAND 33R77	236.7*	18.5	98.3	2.1	57.4
PIONEER BRAND 33P67(YGCB)	235.2*	18.1	100.0	0.6	58.3
CROPLAN GENETICS 799Bt	228.8	18.7	99.7	2.6	57.4
GARST 8350YG1	228.8	17.5	99.8	1.0	57.5
UNITY SEEDS 6296	228.6	15.9	98.2	1.5	56.2
DYNA-GRO 57F87YG	228.4	17.9	99.3	1.3	56.5
PIONEER BRAND 33R78(YGCB)	228.1	18.4	100.0	1.4	56.5
BIO GENE YGCB1143	225.7	18.6	100.0	1.1	56.8
CROWS 6620B	224.9	18.8	100.0	2.1	56.7
CROPLAN GENETICS 721CRW/Bt	224.8	17.1	100.0	1.2	56.3
DEKALB DKC64-10(RR2)	224.7	16.2	100.0	1.2	56.6
SO. STATES SS42176	224.6	17.3	99.6	0.8	56.5
AGRIGOLD A6454Bt	223.7	17.1	98.7	0.8	56.5
NK BRAND N76-H2	223.7	19.3	99.7	0.7	57.6
MYCOGEN 2J787	223.3	17.1	100.0	1.4	55.5
AGRIGOLD A3400Bt	222.9	16.2	99.1	1.0	57.1
SO. STATES SS849CL	222.6	19.2	99.0	1.7	55.9
DEKALB DKC64-11(RR2/YGCB)	222.1	16.1	99.2	1.2	57.0
PIONEER BRAND 33M54	222.1	18.5	100.0	1.0	58.7
BIO GENE BG1150(YG)	220.8	19.3	99.8	1.4	56.9
LG SEEDS LG2622Bt	220.8	17.7	99.6	1.9	55.9
LG SEEDS 2633Bt	220.7	17.0	100.0	1.6	56.1
CROPLAN GENETICS 731HX/LL	220.6	17.8	100.0	1.3	56.4
GOLDEN HARVEST H-9364	220.3	16.9	98.8	2.0	56.7
DYNA-GRO 57K25	219.8	16.8	97.5	1.8	56.7
EXSEGEN ES414	219.0	18.1	100.0	2.4	56.1
PFISTER 3977Bt	218.7	19.0	99.1	1.7	56.3
BECK 0296	218.3	18.5	98.4	1.5	55.9
VIGORO BRAND V56Y51(YGCB)	217.7	17.6	100.0	0.4	57.2
DEKALB DKC63-80(RR2)	217.7	16.8	99.6	2.1	57.4
WYFFELS W8603(YGCB)	216.9	18.0	98.6	0.6	56.4
BIO GENE BG1132	216.2	18.5	99.2	0.8	56.8
ADLER 7400	215.9	18.1	98.0	1.8	55.7
MEDIUM CHECK	214.8	17.9	97.8	1.5	57.6
DEKALB DKC63-81(RR2/YGCB)	213.1	16.3	99.9	0.4	57.9
GOLDEN HARVEST H-9247Bt	212.0	16.8	100.0	2.6	57.4
PIONEER BRAND 33V15	211.8	17.0	95.8	0.9	58.4
AGRIGOLD A6610	211.5	17.8	99.8	2.3	55.7
CAVERNDAL CF815RR2	211.2	17.8	97.8	2.3	55.8
SEED CONSULTANTS SC11B40	210.4	17.8	100.0	0.2	57.1
DEKALB DKC63-79(YGCB)	208.9	16.5	100.0	0.9	57.2
MYCOGEN 2P786(HX)	206.7	16.5	99.5	1.6	56.2
VIGORO BRAND V5450	206.1	16.3	100.0	0.9	57.4
GOLDEN HARVEST H-9236BT/RR	205.9	16.5	99.9	2.8	57.4
CAVERNDAL CF837RR2/YGCB	205.5	17.7	99.5	2.6	56.9
DYNA-GRO 57K14	203.5	16.3	97.4	2.6	56.5
SEED CONSULTANTS SC1144	202.0	17.9	100.0	1.2	58.1
CAVERNDAL CF825YGCB	201.3	18.2	98.7	1.2	56.4
WYFFELS W8543(YGCB)	199.0	16.9	98.8	2.6	57.7
MEDIUM AVERAGE	218.5	17.6	99.3	1.5	56.8
LSD (0.10)	7.4	0.6	1.6	0.9	0.7

* In any yield column, a hybrid mean followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

TABLE 5M-2YR. TWO-YEAR SUMMARY, 2003-2004, MEDIUM HYBRIDS (113-117 DAYS TO MATURITY), FIVE LOCATIONS.**

BRAND/HYBRID	YIELD BU/AC 03-04	MOIST % 03-04	STAND % 03-04	LODG % 03-04	TESTWT LBS/BU 03-04
SO. STATES SS842RR	235.4*	22.5	100.0	1.7	57.2
PIONEER BRAND 33R77	234.6*	20.4	98.6	1.4	57.2
PIONEER BRAND 33P67(YGCB)	233.6*	20.3	100.0	0.5	57.6
SO. STATES SS849CL	228.7*	21.3	99.3	1.8	56.5
GARST 8350YG1	226.2	19.0	100.0	0.8	57.2
DYNA-GRO 57F87YG	226.2	20.5	99.6	0.9	56.6
PFISTER 3977Bt	220.3	21.1	99.8	1.5	56.8
PIONEER BRAND 33M54	220.0	20.4	99.7	1.3	58.7
LG SEEDS LG2622Bt	219.1	19.9	99.9	1.3	55.8
DEKALB DKC64-10(RR2)	219.1	17.7	100.0	1.2	56.1
GOLDEN HARVEST H-9364	219.1	18.2	99.7	1.4	56.4
BIO GENE BG1150(YG)	217.3	21.7	99.8	1.2	56.7
ADLER 7400	216.2	20.4	98.7	1.3	56.1
AGRIGOLD A6610	215.5	19.2	99.1	1.6	55.6
BECK 0296	214.9	20.6	98.9	1.1	55.9
DEKALB DKC64-11(RR2/YGCB)	212.5	18.0	99.4	1.0	56.4
PIONEER BRAND 33V15	212.4	18.8	96.9	1.2	58.1
GOLDEN HARVEST H-9247Bt	210.5	17.5	100.0	1.7	57.5
MEDIUM CHECK	208.9	19.1	98.2	0.8	56.8
CAVERNDALE CF837RR/YGCB	208.7	19.6	99.2	1.8	56.4
DYNA-GRO 57K14	207.6	17.5	98.9	1.9	55.8
CAVERNDALE CF825YGCB	201.1	20.0	99.1	1.0	55.9
WYFFELS W8543(YGCB)	199.2	18.4	98.8	1.9	57.8
MEDIUM AVERAGE	217.7	19.6	99.3	1.3	56.7
LSD (0.10)	6.9	0.5	1.3	0.7	0.7

TABLE 5M-3YR. THREE-YEAR SUMMARY, 2002-2004, MEDIUM HYBRIDS (113-117 DAYS TO MATURITY), FIVE LOCATIONS.**

BRAND/HYBRID	YIELD BU/AC 02-04	MOIST % 02-04	STAND % 02-04	LODG % 02-04	TEST WT LBS/BU 02-04
PIONEER BRAND 33R77	218.8*	18.9	97.9	1.1	56.4
PIONEER BRAND 33P67(YGCB)	216.9*	18.9	100.0	0.8	57.3
SO. STATES SS842RR	215.4*	20.6	100.0	1.6	56.0
SO. STATES SS849CL	207.9	20.0	99.0	1.4	55.3
DEKALB DKC64-10(RR2)	206.4	16.4	99.5	0.9	55.6
PFISTER 3977Bt	206.1	20.0	99.5	1.1	56.1
BIO GENE BG1150(YG)	204.7	20.5	99.7	1.1	55.8
GOLDEN HARVEST H-9364	200.0	16.7	97.9	1.2	55.7
GOLDEN HARVEST H-9247Bt	197.4	16.3	99.4	1.3	56.9
MEDIUM CHECK	196.6	17.8	98.1	1.0	56.2
MEDIUM AVERAGE	207.0	18.6	99.1	1.1	56.1
LSD (0.10)	6.6	0.5	1.4	0.6	0.6

* In any yield column, a hybrid mean followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

** Princeton and Lewisport data not included.

TABLE 6L-1YR. ANNUAL SUMMARY, 2004, LATE HYBRIDS (118 DAYS TO MATURITY OR LATER), ALL LOCATIONS.

BRAND/HYBRID	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LODG % 2004	TEST WT LBS/BU 2004
PIONEER BRAND 32D99	238.2*	19.2	100.0	1.3	58.2
PIONEER BRAND 31G66	227.7	18.5	99.7	1.6	58.0
GARST SEED CO. 8292YG1	216.3	19.4	96.9	0.4	57.9
PIONEER BRAND 31N28(YGCB)	215.1	18.5	100.0	1.6	58.4
VIGORO BRAND V58Y41(YGCB)	214.4	18.3	98.9	1.8	56.2
CROPLAN GENETICS 895Bt	214.2	21.6	98.1	1.2	57.5
GOLDEN HARVEST H-9461	213.4	16.9	97.8	1.8	55.7
GOLDEN HARVEST H-9493Bt	213.1	18.3	99.4	1.9	55.9
AGRIGOLD A2400Bt	211.2	20.0	99.4	1.4	57.6
PIONEER BRAND 31N27	208.4	18.1	99.4	1.5	58.5
DEKALB DKC69-71(RR2/YGCB)	207.0	20.2	98.7	1.1	57.6
CAVERNDAL CF1015RR2	202.0	19.7	99.4	1.5	57.8
EXSEGEN ES617	199.2	20.6	99.2	1.8	58.0
NK BRAND N82-A7	198.7	19.4	98.3	0.4	57.0
AGRIGOLD A2402Bt	192.3	20.9	98.8	1.4	58.0
LATE CHECK	181.3	20.2	91.8	1.7	55.7
LATE AVERAGE	209.5	19.4	98.5	1.4	57.4
LSD (0.10)	8.6	0.5	2.0	0.9	0.7

TABLE 6L-2YR. TWO-YEAR SUMMARY, 2003-2004, LATE HYBRIDS (118 DAYS TO MATURITY OR LATER), SIX LOCATIONS.**

BRAND/HYBRID	YIELD BU/AC 03-04	MOIST % 03-04	STAND % 03-04	LODG % 03-04	TEST WT LBS/BU 03-04
PIONEER BRAND 32D99	227.0*	21.1	99.9	1.2	58.7
PIONEER BRAND 31G66	218.5	19.8	99.5	1.6	58.2
GOLDEN HARVEST H-9461	210.6	18.6	98.4	1.3	55.8
VIGORO BRAND V58Y41(YGCB)	206.3	20.0	98.9	1.1	56.7
PIONEER BRAND 31N27	201.9	19.9	99.2	1.3	58.6
EXSEGEN ES617	194.7	21.7	98.5	1.5	58.0
LATE CHECK	182.5	20.9	95.3	1.2	56.1
LATE AVERAGE	205.9	20.3	98.5	1.3	57.4
LSD (0.10)	6.7	0.4	1.6	0.6	0.6

* In any yield column, a hybrid mean followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

** Hancock data not included.

TABLE 7W-1YR. ANNUAL SUMMARY, 2004, WHITE HYBRIDS (113-117 DAYS TO MATURITY), ALL LOCATIONS.

BRAND/HYBRID	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LODG % 2004	TESTWT LBS/BU 2004
PIONEER BRAND 33V62	198.4*	18.1	96.5	1.1	57.4
PIONEER BRAND 32B10	197.4*	18.9	94.3	0.2	57.6
PIONEER BRAND 32T78	197.0*	19.9	99.4	0.7	58.1
MEDIUM CHECK	193.7*	17.7	99.1	1.2	57.0
ZIMMERMAN WX7663	185.0	21.0	100.0	1.4	56.2
ZIMMERMAN 1851W	183.5	20.2	100.0	2.5	55.9
ZIMMERMAN WX7313	182.4	19.0	98.6	0.8	57.4
AGRIGOLD 6537W	180.8	17.4	99.6	1.3	57.2
ASGROW RX818W	166.3	19.6	97.5	0.8	56.8
WHITE AVERAGE	187.2	19.1	98.3	1.1	57.0
LSD (0.10)	7.5	0.5	3.2	0.6	0.6

TABLE 7W-2YR. TWO-YEAR SUMMARY, 2003-2004, WHITE HYBRIDS (113-117 DAYS TO MATURITY), SIX LOCATIONS.**

BRAND/HYBRID	YIELD BU/AC 03-04	MOIST % 03-04	STAND % 03-04	LODG % 03-04	TESTWT LBS/BU 03-04
PIONEER BRAND 32T78	194.8*	20.9	98.9	1.5	58.6
MEDIUM CHECK	191.9*	18.1	99.2	2.0	57.3
ZIMMERMAN 1851W	183.1	21.4	99.6	2.5	56.3
ZIMMERMAN WX7663	176.2	21.7	94.9	2.0	56.1
WHITE AVERAGE	186.5	20.5	98.1	2.0	57.1
LSD (0.10)	5.8	0.5	2.1	0.6	0.4

TABLE 7W-3YR. THREE-YEAR SUMMARY, 2002-2004, WHITE HYBRIDS (113-117 DAYS TO MATURITY), SIX LOCATIONS.**

BRAND/HYBRID	YIELD BU/AC 02-04	MOIST % 02-04	STAND % 02-04	LODG % 02-04	TESTWT LBS/BU 02-04
MEDIUM CHECK	185.3*	17.0	98.9	1.6	57.1
PIONEER BRAND 32T78	184.9*	19.4	98.0	1.2	58.1
ZIMMERMAN 1851W	175.2	20.5	99.1	1.9	55.8
WHITE AVERAGE	186.5	20.5	98.1	2.0	57.1
LSD (0.10)	4.9	0.4	1.6	0.5	0.4

* In any yield column, a hybrid mean followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

** Hancock data not included.

**TABLE 8E. ANNUAL SUMMARY, 2004, EARLY HYBRIDS
CHEMICAL COMPOSITION, ALL LOCATIONS.**

BRAND/HYBRID	PROTEIN	OIL	STARCH
% dry wt.....		
ADLER 5010	8.5	4.1	68.2
AGRIGOLD 6445BTCL	8.8	3.5	66.8
AGRIGOLD A6395Bt	8.3	3.6	67.2
AGRIGOLD A4325	9.4	4.1	67.3
ASGROW RX715RR2	9.2	4.2	68.0
BECK 5422CBCL	7.4	3.4	69.0
BIO GENE BG1115	8.1	3.7	66.9
BIO GENE RRB1122	8.9	4.2	67.6
CAVERNDALE CF788RR2	9.1	3.8	67.5
CROPLAN GENETICS 631RR/Bt	8.9	3.7	66.6
CROPLAN GENETICS 691BT/LL	8.3	3.6	67.9
CROWS 4911B	9.0	3.8	67.2
CROWS 5321B	7.7	3.4	69.0
DEKALB DKC60-19(RR2/YGCB)	8.2	4.0	68.1
DEKALB DKC61-45(RR2/YGCB)	9.1	3.5	68.3
DEKALB DKC61-50	8.0	4.0	67.6
DYNA-GRO 5545	8.2	3.9	68.3
DYNA-GRO 57P46	7.6	3.7	68.8
DYNA-GRO 57P69(Bt/RR)	8.9	3.8	67.6
EXSEGEN ES112	7.8	3.2	57.4
GARST SEED CO. 8450IT	8.8	3.7	66.9
GATEWAY 2612CL	8.8	3.7	67.3
GATEWAY 3912YGCBR	8.7	3.7	67.2
GATEWAY 9411YGCB	8.8	3.2	68.0
GOLDEN HARVEST H-8906	8.8	3.6	67.6
GOLDEN HARVEST H-8959Bt	8.8	4.4	66.8
GOLDEN HARVEST H-9006Bt	9.3	3.7	67.3
LG SEEDS LG2540Bt	8.1	3.7	67.6
LG SEEDS LG2585	8.2	3.7	69.4
EARLY CHECK	8.9	3.6	67.2
MYCOGEN 2H789	9.4	4.0	67.2
MYCOGEN 2T780(HX)	8.7	3.9	67.7
NK BRAND N65-M7	8.8	4.0	66.7
NK BRAND N70-T9	8.5	3.7	67.1
PIONEER BRAND 33N56	8.8	3.5	68.8
PIONEER BRAND 34B24(YGCB)	8.8	3.7	67.7
PIONEER BRAND 34H32(YGCB)	8.6	3.7	67.0
SEED CONSULTANTS SC10RR92	8.5	3.7	67.8
SEED CONSULTANTS SC1124A	8.3	4.0	67.2
SEED CONSULTANTS SC11B23	8.9	4.5	65.7
SO. STATES SS670Bt	8.4	4.6	68.3
SO. STATES SS93008	8.3	3.1	71.5
SO. STATES SS94003	9.0	3.8	67.2
UNITY SEEDS 8209	10.4	4.6	65.9
VIGORO BRAND V52Y41(YGCB)	8.5	3.6	68.0
WYFFELS W6578(YGCB/CL)	8.9	3.5	67.3
WYFFELS W7260	8.1	3.8	67.4
WYFFELS W7273(YGCB)	8.2	4.0	69.7
WYFFELS W7293(YGBT)	9.2	4.5	66.1
WYFFELS W7303(YGCB)	9.3	4.4	66.5
EARLY AVERAGE	8.6	3.8	67.4
EARLY AVERAGE BY LOCATION			
PRINCETON	8.5	3.8	67.8
LEWISPORT	8.6	4.0	66.1
BOWLING GREEN	9.6	4.0	65.9
BENTON	8.4	3.8	69.7
LEXINGTON	8.4	3.8	67.5
QUICKSAND	7.5	3.7	68.5
HODGENVILLE	9.7	3.7	67.9

**TABLE 8L. ANNUAL SUMMARY, 2004, LATE HYBRIDS
CHEMICAL COMPOSITION, ALL LOCATIONS.**

BRAND/HYBRID	PROTEIN	OIL	STARCH
% dry wt.....		
AGRIGOLD A2400Bt	8.6	4.1	67.5
AGRIGOLD A2402Bt	9.3	4.7	65.1
CAVERNDALE CF1015RR2	8.5	3.5	67.7
CROPLAN GENETICS 895Bt	8.8	3.7	67.2
DEKALB DKC69-71(RR2/YGCB)	9.4	4.8	65.6
EXSEGEN ES617	8.6	4.5	65.8
GARST SEED CO. 8292YG1	8.5	3.6	67.5
GOLDEN HARVEST H-9461	7.9	3.8	67.7
GOLDEN HARVEST H-9493Bt	8.4	4.0	67.4
LATE CHECK	8.4	4.6	65.2
NK BRAND N82-A7	8.4	3.8	67.2
PIONEER BRAND 31G66	8.1	3.8	66.5
PIONEER BRAND 31N27	9.4	3.1	66.0
PIONEER BRAND 31N28(YGCB)	9.5	3.2	65.4
PIONEER BRAND 32D99	8.3	3.9	66.9
VIGORO BRAND V58Y41(YGCB)	7.6	3.9	68.3
LATE AVERAGE	8.6	3.9	66.7
LATE AVERAGE BY LOCATION			
PRINCETON	8.9	4.1	67.8
LEWISPORT	8.4	4.3	67.3
BOWLING GREEN	9.5	4.4	64.9
BENTON	8.1	3.3	67.5
LEXINGTON	8.1	4.0	66.8
QUICKSAND	7.9	4.1	65.8
HODGENVILLE	9.3	3.3	66.7

**TABLE 8M. ANNUAL SUMMARY, 2004, MEDIUM HYBRIDS
CHEMICAL COMPOSITION, ALL LOCATIONS.**

BRAND/HYBRID	PROTEIN	OIL	STARCH
% dry wt.....		
ADLER 7400	8.1	4.2	67.6
AGRIGOLD A6610	9.0	3.7	66.3
AGRIGOLD A3400Bt	9.3	4.3	67.2
AGRIGOLD A6454Bt	8.9	3.9	66.8
BECK 0296	7.8	4.0	68.1
BIO GENE BG1132	8.4	4.4	67.1
BIO GENE YGCB1143	8.4	3.8	66.7
BIOGENE BG1150(YG)	9.3	3.5	66.7
CAVERNDALE CF815RR2	7.5	3.8	68.8
CAVERNDALE CF825YGCB	8.7	3.6	67.2
CAVERNDALE CF837RR2/YGCB	9.2	4.0	67.0
CROPLAN GENETICS 721CRW/Bt	8.8	3.9	66.2
CROPLAN GENETICS 731HX/LL	8.8	4.0	67.1
CROPLAN GENETICS 799Bt	8.5	3.8	67.8
CROWS 6620B	8.5	4.2	67.4
DEKALB DKC63-79(YGCB)	9.8	4.6	65.0
DEKALB DKC63-80(RR2)	9.9	4.5	65.2
DEKALB DKC63-81(RR2/YGCB)	9.9	4.5	65.0
DEKALB DKC64-10(RR2)	9.4	4.4	66.9
DEKALB DKC64-11(RR2/YGCB)	9.8	4.4	66.5
DYNA-GRO 57F87YG	7.8	3.8	68.6
DYNA-GRO 57K14	8.9	3.7	67.2
DYNA-GRO 57K25	7.5	3.8	68.9
EXSEGEN ES414	8.0	4.3	68.2
GARST 8350YG1	8.7	3.3	68.3
GOLDEN HARVEST H-9236BT/RR	9.5	4.7	66.6
GOLDEN HARVEST H-9247Bt	9.0	4.3	66.2
GOLDEN HARVEST H-9364	7.4	3.4	69.9
LG SEEDS 2633Bt	9.1	3.7	66.8
LG SEEDS LG2622Bt	8.7	3.5	66.1
MEDIUM CHECK	9.0	4.3	66.3
MYCOGEN 2J787	8.7	3.8	67.2
MYCOGEN 2P786(HX)	8.8	3.6	68.3
NK BRAND N76-H2	8.5	3.9	66.8
PFISTER 3977Bt	9.0	3.7	66.6
PIONEER BRAND 33M54	8.6	4.2	66.3
PIONEER BRAND 33P67(YGCB)	8.6	3.6	67.4
PIONEER BRAND 33R77	7.9	3.8	69.5
PIONEER BRAND 33R78(YGCB)	8.3	4.4	68.2
PIONEER BRAND 33V15	8.5	4.0	66.4
SEED CONSULTANTS SC1144	9.9	4.3	64.9
SEED CONSULTANTS SC11B40	8.5	4.2	67.0
SO. STATES SS849CL	8.5	3.4	68.5
SO. STATES SS842RR	8.8	3.7	66.8
SOUTHERN STATES SS42176	8.1	3.2	57.4
UNITY SEEDS 6296	7.6	3.8	70.1
VIGORO BRAND V5450	8.7	4.2	65.9
VIGORO BRAND V56Y51(YGCB)	9.1	4.5	67.1
WYFFELS W8543(YGCB)	9.6	5.2	63.8
WYFFELS W8603(YGCB)	8.1	4.1	68.2
MEDIUM AVERAGE	8.7	4.0	66.9
MEDIUM AVERAGE BY LOCATION			
PRINCETON	8.6	4.4	68.3
LEWISPORT	8.8	4.8	66.6
BOWLING GREEN	9.4	4.1	63.9
BENTON	8.2	3.6	69.4
LEXINGTON	9.0	4.1	67.9
QUICKSAND	7.6	3.8	67.0
HODGENVILLE	9.5	3.4	66.6

**TABLE 8W. ANNUAL SUMMARY, 2004, WHITE HYBRIDS
CHEMICAL COMPOSITION, ALL LOCATIONS.**

BRAND/HYBRID	PROTEIN	OIL	STARCH
% dry wt.....		
AGRIGOLD 6537W	7.6	3.2	68.9
ASGROW RX818W	9.1	3.0	67.7
MEDIUM CHECK	8.8	3.6	67.7
PIONEER BRAND 32T78	8.0	3.1	67.8
PIONEER BRAND 32B10	7.9	3.0	68.8
PIONEER BRAND 33V62	8.3	2.8	68.7
ZIMMERMAN 1851W	8.7	3.5	65.8
ZIMMERMAN WX7313	8.3	4.3	63.5
ZIMMERMAN WX7663	8.4	3.2	65.8
WHITE AVERAGE	8.3	3.3	67.2
WHITE AVERAGE BY LOCATION			
PRINCETON	8.8	3.6	65.9
LEWISPORT	8.9	3.6	65.4
BOWLING GREEN	7.4	3.1	66.1
BENTON	8.6	3.0	69.7
LEXINGTON	7.9	3.5	68.2
QUICKSAND	8.1	3.6	66.0
HODGENVILLE	9.4	3.0	67.2

TABLE 9E. YIELD SUMMARY, 2004, EARLY AVERAGE (112 DAYS TO MATURITY OR EARLIER), BENTON, KY.

BRAND/HYBRID	YIELD BU/AC 02-04	YIELD BU/AC 03-04	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LODG % 2004	TEST WT LBS/BU 2004
CAVERNDALE CF788RR2		230.0*	249.2*	12.5	100.0	0.0	57.2
PIONEER BRAND 33N56			247.6*	14.8	100.0	0.5	56.2
LG SEEDS LG2585	206.7	231.3*	244.0*	12.7	100.0	3.5	56.8
NK BRAND N65-M7	223.1*	234.4*	243.1*	11.8	100.0	0.5	55.8
DEKALB DKC61-45(RR2/YGCB)			243.1*	13.6	100.0	2.0	57.5
AGRIGOLD 6445BTCL			242.2*	12.9	94.9	0.5	55.8
DYNA GRO 57P69BT/RR		234.6*	241.6*	13.1	100.0	1.0	55.2
ASGROW RX715RR2			239.2*	13.1	100.0	6.1	58.2
MYCOGEN 2T780(HX)			238.6*	14.4	96.5	1.0	55.5
DYNA-GRO 57P46			238.4*	14.0	100.0	0.0	56.5
GATEWAY 3912YGCBR		227.9*	238.3*	13.4	100.0	1.5	55.2
CROW'S 4911B		230.1*	238.2*	12.6	100.0	1.0	59.8
VIGORO BRAND V52Y41(YGCB)		232.1*	237.8*	15.4	100.0	0.0	55.2
MYCOGEN 2H789			236.6*	13.7	100.0	2.0	56.5
SEED CONSULTANTS SC10RR92	213.6*	229.3*	236.2*	12.7	100.0	3.0	55.8
CROPLAN GENETICS 631RR/Bt			236.2*	13.2	100.0	1.5	57.2
GATEWAY 2612CL		233.6*	235.4*	13.1	98.0	5.6	54.8
WYFFELS W6578(YGCB/CL)			235.2*	12.5	100.0	1.5	55.2
BECK 5422CBCL		224.9*	234.9*	13.1	100.0	0.0	56.2
SO. STATES SS94003			234.7*	13.8	100.0	1.0	55.2
GOLDEN HARVEST H-8959Bt			234.7*	13.0	100.0	0.0	56.2
GOLDEN HARVEST H-8906		228.6*	234.5*	11.7	100.0	0.5	55.2
GOLDEN HARVEST H-9006Bt			234.3*	13.8	96.0	0.0	54.5
GATEWAY 9411Bt	205.4	222.3*	232.8*	13.9	99.0	2.6	55.8
WYFFELS W7293(YGBT)			231.6*	12.5	97.0	0.5	56.2
PIONEER BRAND 34B24(YGCB)	215.4*	225.0*	228.6	13.6	100.0	0.5	55.8
NK BRAND N70-T9		214.5	227.5	13.5	100.0	0.0	56.8
BIO GENE RRBT1122		221.1	226.1	13.0	100.0	0.0	56.2
SEED CONSULTANTS SC11B23			225.7	12.5	100.0	1.0	55.8
DEKALB DKC60-19(RR2/YGCB)		217.3	225.3	12.7	100.0	0.0	56.5
EARLY CHECK	189.0	208.9	225.2	13.1	100.0	3.0	56.2
DYNA-GRO 5545	206.3	219.8	223.0	13.5	89.9	0.5	54.8
AGRIGOLD A6395Bt		210.0	221.9	12.6	100.0	0.0	55.8
ADLER 5010			221.7	13.7	96.5	1.6	56.5
GARST SEED CO. 8450IT			221.2	13.6	100.0	2.0	57.2
PIONEER BRAND 34H32(YGCB)			220.5	13.3	100.0	1.5	55.2
DEKALB DKC61-50			219.8	12.8	100.0	3.5	54.8
WYFFELS W7260			219.3	13.5	100.0	6.6	56.2
CROPLAN GENETICS 691BT/LL			219.2	14.4	100.0	2.0	55.2
AGRIGOLD A4325			218.6	12.8	100.0	7.1	57.2
SO. STATES SS670Bt	198.4	223.3*	218.3	13.6	96.0	1.0	55.8
WYFFELS W7273(YGCB)		211.1	216.8	13.3	100.0	1.0	56.8
SO. STATES SS93008			215.2	11.4	100.0	0.0	55.8
WYFFELS W7303(YGCB)			213.7	12.0	94.9	1.0	56.2
EXSEGEN ES112	211.4*	215.8	213.0	13.9	88.9	0.0	56.2
LG SEEDS LG2540Bt			211.4	12.9	98.5	1.0	56.2
BIO GENE BG1115			203.6	13.8	100.0	2.0	56.8
CROWS 5321B			202.7	14.4	97.5	0.0	55.5
SEED CONSULTANTS SC1124A			201.9	13.9	100.0	2.5	55.8
UNITY SEEDS 8209			196.4	12.6	91.9	0.0	55.8
EARLY AVERAGE	207.7	223.9	227.9	13.2	98.7	1.5	56.1
LSD (0.10)	13.0	12.4	17.9	1.2	4.6	3.0	2.2
C.V.			5.8	6.8	3.4	147.6	2.9

TABLE 9L. YIELD SUMMARY, 2004, LATE AVERAGE (118 DAYS TO MATURITY OR LATER), BENTON, KY.

BRAND/HYBRID	YIELD BU/AC 03-04	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LODG % 2004	TEST WT LBS/BU 2004	
PIONEER BRAND 32D99	237.1*	224.1*	15.6	100.0	0.0	55.8	
PIONEER BRAND 31N27	227.4*	223.4*	15.2	95.5	0.0	57.2	
GOLDEN HARVEST H-9461	226.6*	222.6*	12.2	92.4	0.0	53.5	
PIONEER BRAND 31N28 (YGCB)		221.0*	15.7	100.0	1.0	57.5	
PIONEER BRAND 31G66	227.4*	218.5*	14.1	100.0	0.5	56.2	
GOLDEN HARVEST H-9493Bt		218.0*	13.6	96.0	0.0	54.5	
EXSEGEN ES617	212.4	214.8*	16.4	100.0	0.5	56.5	
AGRIGOLD A2400Bt		214.5*	15.7	96.0	0.0	56.8	
VIGORO BRAND V58Y41(YGCB)		220.5*	213.2*	14.5	92.9	0.0	54.2
GARST SEED CO. 8292YG1			211.7*	15.6	95.5	0.0	56.2
CROPLAN GENETICS 895Bt			211.1*	18.4	97.5	0.0	55.8
CAVERNDALE CF1015RR2			207.5*	15.6	100.0	0.5	57.2
DEKALB DKC69-71(RR2/YGCB)			206.1*	16.8	94.4	0.0	57.2
AGRIGOLD A2402Bt			192.0	17.2	93.9	0.0	56.8
NK BRAND N82-A7			189.9	15.2	100.0	0.0	56.2
LATE CHECK	204.9	186.7	16.1	89.4	0.0	54.5	
LATE AVERAGE	222.3	210.9	15.5	96.5	0.2	56.0	
LSD (0.10)	17.2	22.2	1.2	8.4	0.8	1.2	
C.V.		7.6	5.7	6.3	356.0	1.5	

* In any yield column, a hybrid mean followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

TABLE 9M. YIELD SUMMARY, 2004, MEDIUM AVERAGE (113-117 DAYS TO MATURITY), BENTON, KY.

BRAND/HYBRID	YIELD BU/AC 02-04	YIELD BU/AC 03-04	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LODG % 2004	TEST WT LBS/BU 2004
GARST 8350YG1		242.9*	254.9*	14.9	100.0	3.5	57.5
PIONEER BRAND 33P67(YGCB)	240.7*	251.4*	250.1*	14.4	100.0	0.0	57.8
SO. STATES SS842RR	234.0*	240.9*	248.8*	16.8	100.0	0.5	56.2
UNITY SEEDS 6296			246.2*	12.8	89.9	0.5	55.2
PIONEER BRAND 33R77	232.6*	248.6*	244.7*	15.0	88.4	0.8	55.5
PIONEER BRAND 33R78(YGCB)			244.2*	15.3	100.0	0.5	55.8
DYNA-GRO 57K14		236.7	243.6*	13.6	100.0	0.5	56.8
AGRIGOLD A3400Bt			240.3*	13.1	95.5	2.8	56.2
LG SEEDS 2633Bt			239.7*	14.0	100.0	0.0	56.5
BIO GENE YGCB1143			239.4*	15.2	100.0	0.0	55.8
CROPLAN GENETICS 721CRW/Bt			238.6*	13.8	100.0	0.0	56.2
PIONEER BRAND 33M54		244.7*	238.5*	13.9	100.0	1.5	58.2
CROPLAN GENETICS 731HX/LL			237.2*	13.5	100.0	2.0	54.5
DEKALB DKC63-79(YGCB)			237.0*	13.7	100.0	0.0	57.2
CROWS 6620B			236.0*	14.7	100.0	1.0	55.8
VIGORO BRAND V56Y51 (YGCB)			235.5	14.7	100.0	0.0	58.2
GOLDEN HARVEST H-9247Bt	209.5	222.5	234.8	13.4	100.0	1.5	56.8
MEDIUM CHECK	207.0	223.6	234.7	15.4	85.4	1.6	57.5
NK BRAND N76-H2			234.4	16.3	98.0	1.5	55.8
GOLDEN HARVEST H-9364	206.1	234.0	233.8	14.1	97.0	0.5	55.8
LG SEEDS LG2622Bt		227.4	232.8	15.0	100.0	0.5	54.2
SO. STATES SS849CL	219.9	240.6*	231.8	16.7	92.9	0.5	55.2
GOLDEN HARVEST H-9236BT/RR			231.8	13.7	99.0	4.0	57.5
EXSEGEN ES414			231.1	14.6	100.0	1.0	55.8
DYNA-GRO 57K25			230.9	14.3	82.3	0.0	55.5
PIONEER BRAND 33V15		231.1	230.9	14.9	97.0	0.5	59.2
DEKALB DKC63-80(RR2)			229.9	13.7	97.5	3.5	57.2
MYCOGEN 2J787			229.5	13.2	100.0	2.0	53.5
SO. STATES SS42176			228.2	14.7	97.5	2.1	55.8
AGRIGOLD A6610		233.2	228.1	14.7	98.5	0.5	54.8
BIO GENE BG1150(YG)	222.8	229.1	227.6	16.6	100.0	1.5	56.5
SEED CONSULTANTS SC11B40			227.3	15.0	100.0	0.0	57.8
DEKALB DKC64-10(RR2)	212.6	223.8	227.1	13.3	100.0	3.5	55.5
DYNA-GRO 57F87YG			224.6	15.7	96.0	0.0	55.2
PFISTER 3977BT	214.1	227.1	224.1	16.4	100.0	1.5	55.5
VIGORO BRAND V5450			222.6	14.4	100.0	1.0	56.2
DEKALB DKC64-11(RR2/YGCB)		218.2	221.9	13.3	94.4	0.0	56.8
CROPLAN GENETICS 799Bt			220.0	14.6	98.5	7.1	55.5
BECK 0296		222.0	219.4	15.6	92.9	1.6	54.8
ADLER 7400		222.7	218.9	14.2	86.9	2.6	55.5
CAVERNDAL E CF837RR2/YGCB		218.2	216.8	13.9	98.5	0.0	56.5
AGRIGOLD A6454Bt			215.6	14.5	90.9	0.0	56.2
BIO GENE BG1132			215.5	15.0	99.0	4.0	55.5
MYCOGEN 2P786(HX)			213.8	13.7	100.0	4.0	54.8
DEKALB DKC63-81(RR2/YGCB)			213.6	13.4	99.0	0.5	57.5
WYFFELS W8603(YGCB)			207.8	14.9	89.9	0.0	55.8
CAVERNDAL E CF815RR2			207.1	14.1	84.3	1.2	53.8
SEED CONSULTANTS SC1144			207.1	14.7	100.0	1.5	56.2
CAVERNDAL E CF825YGCB		207.9	203.5	15.5	90.9	0.0	54.8
WYFFELS W8543(YGCB)		210.4	200.4	14.5	94.4	2.1	57.5
MEDIUM AVERAGE	219.9	229.9	229.0	14.5	96.7	1.3	56.1
LSD (0.10)	15.6	12.2	19.2	1.1	9.8	3.6	1.5
C.V.			6.2	5.4	7.5	199.8	1.9

TABLE 9W. YIELD SUMMARY, 2004, WHITE AVERAGE (113-117 DAYS TO MATURITY), BENTON, KY.

BRAND/HYBRID	YIELD BU/AC 02-04	YIELD BU/AC 03-04	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LODG % 2004	TEST WT LBS/BU 2004
PIONEER BRAND 33V62			210.7*	14.5	97.7	0.0	57.5
MEDIUM CHECK	207.3*	212.1*	209.3*	13.9	97.0	1.6	56.0
AGRIGOLD 6537W			204.1*	13.7	100.0	0.0	59.0
ZIMMERMAN 1851W	209.9*	213.7*	201.7*	16.8	100.0	1.5	55.0
ZIMMERMAN WX7313			200.6*	15.8	100.0	0.0	56.5
PIONEER BRAND 32T78	203.9*	207.1*	192.1*	16.1	100.0	0.0	58.0
ZIMMERMAN WX7663		202.5*	190.8*	18.0	100.0	0.0	55.5
PIONEER BRAND 32B10			181.7*	15.7	72.0	0.0	56.0
ASGROW RX818W			167.4	15.8	84.8	0.8	57.0
White Average	207.0	208.8	195.4	15.6	94.6	0.4	56.7
LSD (0.10)	12.5	16.4	30.8	1.6	20.5	2.1	2.1
C.V.			8.5	5.5	11.7	255.4	1.9

* In any yield column, a hybrid mean followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

TABLE 10E. YIELD SUMMARY, 2004, EARLY AVERAGE (112 DAYS TO MATURITY OR EARLIER), PRINCETON, KY.

BRAND/HYBRID	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LODG % 2004	TEST WT LBS/BU 2004
CROWS 5321B	245.6*	13.8	95.5	1.6	57.7
PIONEER BRAND 34B24(YGCB)	242.9*	13.9	97.0	1.0	56.3
DYNA-GRO 5545	241.0*	13.1	100.0	1.5	56.1
WYFFELS W6578(YGCB/CL)	240.1*	13.3	100.0	1.0	56.5
DEKALB DKC61-45(RR2/YGCB)	239.7*	13.2	100.0	0.0	57.3
ASGROW RX715RR2	237.7*	13.9	100.0	1.0	58.6
GOLDEN HARVEST H-9006Bt	236.8*	13.0	100.0	0.0	57.4
CROPLAN GENETICS 691BT/LL	235.9*	13.6	99.0	0.0	55.9
GARST SEED CO. 8450IT	235.0*	14.1	98.5	1.0	56.1
GOLDEN HARVEST H-8906	234.3*	13.7	100.0	2.5	58.4
SEED CONSULTANTS SC1124A	234.0*	14.3	92.9	2.2	57.1
ADLER 5010	233.2*	13.4	97.0	2.1	56.6
NK BRAND N70-T9	232.8*	13.7	100.0	0.5	56.9
BECK 5422CBCL	232.8*	13.4	95.5	0.0	56.6
SEED CONSULTANTS SC10RR92	232.1*	12.5	100.0	2.5	57.2
GATEWAY 2612CL	231.1*	13.0	100.0	1.5	56.7
GOLDEN HARVEST H-8959Bt	229.7*	13.1	100.0	0.0	55.8
VIGORO BRAND V52Y41(YGCB)	228.6*	11.9	100.0	0.0	57.9
PIONEER BRAND 33N56	228.2*	14.3	100.0	1.0	58.5
DYNA-GRO 57P46	228.1*	13.0	100.0	0.0	57.9
CROPLAN GENETICS 631RR/Bt	227.4*	13.0	100.0	0.0	56.7
AGRIGOLD 6445BTCL	227.1*	13.0	100.0	0.5	57.5
SEED CONSULTANTS SC11B23	226.8*	13.0	100.0	0.0	56.9
DEKALB DKC60-19(RR2/YGCB)	226.4*	13.1	100.0	0.0	58.3
DEKALB DKC61-50	226.1*	13.0	100.0	2.0	56.8
WYFFELS W7273(YGCB)	225.6*	12.9	100.0	2.5	56.0
BIO GENE RRBT1122	224.4*	13.4	98.0	0.0	57.2
PIONEER BRAND 34H32(YGCB)	224.0*	13.6	100.0	0.0	56.1
GATEWAY 3912YGCBR	223.9*	12.6	100.0	0.5	57.3
DYNA GRO 57P69BT/RR	223.8*	12.9	100.0	1.0	58.6
MYCOGEN 2T780(HX)	223.2*	14.0	100.0	0.0	57.2
AGRIGOLD A4325	219.5	13.1	100.0	4.0	56.6
CROW'S 4911B	219.0	13.0	91.9	0.0	57.0
GATEWAY 9411Bt	218.6	13.6	98.0	0.0	56.9
LG SEEDS LG2540Bt	217.6	12.8	100.0	0.0	58.2
NK BRAND N65-M7	216.7	12.6	100.0	1.0	57.0
EXSEGEN ES112	213.3	12.8	94.4	1.5	56.8
SO. STATES SS670Bt	213.2	13.0	91.4	0.0	56.4
SO. STATES SS93008	212.4	12.7	100.0	1.0	56.5
WYFFELS W7293(YGBT)	212.3	13.3	100.0	0.0	57.2
UNITY SEEDS 8209	211.9	12.6	100.0	1.0	56.5
SO. STATES SS94003	211.3	12.5	100.0	1.0	56.6
MYCOGEN 2H789	210.7	14.2	100.0	3.0	58.3
EARLY CHECK	209.4	12.9	100.0	1.0	57.3
CAVERNDAL CF788RR2	207.3	12.7	84.8	0.0	56.8
BIO GENE BG1115	206.8	13.7	100.0	3.0	56.5
WYFFELS W7260	205.0	13.1	100.0	0.5	56.9
LG SEEDS LG2585	204.5	12.7	95.5	1.5	57.4
AGRIGOLD A6395Bt	197.5	13.0	91.9	0.5	57.6
WYFFELS W7303(YGCB)	197.5	13.2	100.0	1.0	57.1
EARLY AVERAGE	223.7	13.2	98.4	0.9	57.1
LSD (0.10)	24.0	0.6	6.6	1.7	1.6
C.V.	7.9	3.5	4.9	137.8	2.1

TABLE 10L. YIELD SUMMARY, 2004, LATE AVERAGE (118 DAYS TO MATURITY OR LATER), PRINCETON, KY.

BRAND/HYBRID	YIELD BU/AC 03-04	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LODG % 2004	TEST WT LBS/BU 2004
PIONEER BRAND 32D99	191.5*	259.5*	16.8	100.0	0.5	56.8
GOLDEN HARVEST H-9461	206.2*	254.4*	14.5	100.0	3.0	57.5
PIONEER BRAND 31G66	196.6*	249.8*	15.7	100.0	2.5	56.5
GARST SEED CO. 8292YG1		245.6*	17.5	96.0	0.5	56.5
AGRIGOLD A2400Bt		245.1*	17.3	100.0	1.0	56.2
PIONEER BRAND 31N28(YGCB)		245.0*	15.8	100.0	1.0	56.5
VIGORO BRAND V58Y41(YGCB)	189.2	241.5*	15.4	100.0	2.5	57.8
GOLDEN HARVEST H-9493Bt		238.4*	15.6	100.0	2.0	55.5
PIONEER BRAND 31N27		227.1	15.6	100.0	4.5	58.2
DEKALB DKC69-71(RR2/YGCB)	165.7	226.6	18.1	100.0	1.5	55.8
CROPLAN GENETICS 895Bt		225.2	18.1	90.9	2.5	56.8
AGRIGOLD A2402Bt		224.3	18.4	100.0	2.0	56.8
CAVERNDAL CF1015RR2		214.2	17.1	98.5	3.1	55.5
EXSEGEN ES617	162.0	208.7	17.4	94.4	3.2	57.2
NK BRAND N82-A7		200.0	17.5	93.4	0.5	56.5
LATE CHECK	157.6	193.0	16.8	85.9	2.2	54.8
LATE AVERAGE	181.3	231.2	16.7	97.4	2.0	56.6
LSD (0.10)	16.0	22.5	1.0	7.8	2.7	2.1
C.V.		7.0	4.2	5.8	93.8	2.7

* In any yield column, a hybrid mean followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

TABLE 10M. YIELD SUMMARY, 2004, MEDIUM AVERAGE (113-117 DAYS TO MATURITY), PRINCETON, KY.

BRAND/HYBRID	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LODG % 2004	TEST WT LBS/BU 2004
CROWS 6620B	265.5*	15.3	100.0	0.5	57.5
PIONEER BRAND 33R78(YGCB)	260.5*	15.6	100.0	0.0	56.5
BECK 0296	259.6*	14.6	100.0	0.5	56.5
DYNA-GRO 57F87YG	258.5*	14.1	99.0	1.0	56.8
AGRIGOLD A4300Bt	256.7*	13.1	100.0	0.5	55.8
ADLER 7400	255.7*	14.9	99.0	1.5	56.5
BIO GENE BG1132	252.1*	15.9	100.0	0.0	56.8
PIONEER BRAND 33R77	249.2*	14.9	100.0	2.5	56.8
CROPLAN GENETICS 799Bt	249.1*	15.2	100.0	1.0	58.5
PIONEER BRAND 33M54	249.0*	15.0	100.0	1.0	59.8
WYFFELS W8603(YGCB)	247.5*	14.9	100.0	0.5	55.8
CROPLAN GENETICS 721CRW/Bt	247.2*	14.2	100.0	0.5	56.8
NK BRAND N76-H2	245.3	16.1	100.0	1.0	56.5
BIO GENE BG1150(YG)	244.7	15.9	100.0	1.0	56.8
DEKALB DKC64-11(RR2/YGCB)	244.7	13.4	100.0	1.0	56.8
DEKALB DKC63-81(RR2/YGCB)	243.7	13.3	100.0	0.0	57.8
UNITY SEEDS 6296	241.8	13.5	97.5	0.5	55.8
PIONEER BRAND 33P67(YGCB)	241.5	14.9	100.0	1.0	59.2
GOLDEN HARVEST H-9247Bt	240.3	13.6	100.0	1.5	58.2
DYNA-GRO 57K25	237.3	14.0	100.0	1.5	56.2
DEKALB DKC63-80(RR2)	237.3	12.9	100.0	2.5	57.5
AGRIGOLD A3400Bt	236.3	13.1	100.0	0.0	57.2
VIGORO BRAND V56Y51(YGCB)	236.2	14.8	100.0	0.5	57.8
GARST 8350YG1	236.0	14.5	98.5	0.0	57.2
MEDIUM CHECK	235.2	13.9	99.0	3.1	58.2
DEKALB DKC64-10(RR2)	234.4	13.0	100.0	1.0	56.8
GOLDEN HARVEST H-9236BT/RR	234.2	13.5	100.0	0.0	57.8
SO. STATES SS849CL	233.8	16.1	100.0	2.0	55.5
SO. STATES SS842RR	233.5	15.4	100.0	2.0	55.2
PFISTER 3977Bt	232.0	15.6	95.5	0.0	56.5
MYCOGEN 2P786(HX)	231.9	13.8	100.0	1.5	55.8
GOLDEN HARVEST H-9364	231.9	14.3	94.4	6.0	55.5
SEED CONSULTANTS SC11B40	231.6	14.9	100.0	1.0	57.5
LG SEEDS LG2622Bt	229.6	14.2	98.5	1.0	54.8
EXSEGEN ES414	228.7	14.8	100.0	1.0	55.8
BIO GENE YGCB1143	228.7	16.4	100.0	1.0	56.8
CAVERNDAL CF815RR2	228.4	14.2	100.0	0.5	55.5
SO. STATES SS42176	227.6	13.7	100.0	0.5	56.8
CROPLAN GENETICS 731HX/LL	226.5	14.4	100.0	0.0	55.8
DEKALB DKC63-79(YGCB)	226.5	13.4	100.0	1.0	57.5
MYCOGEN 2J787	226.3	13.7	100.0	1.0	54.8
LG SEEDS 2633Bt	226.1	12.8	100.0	1.0	54.8
CAVERNDAL CF837RR2/YGCB	223.9	14.4	100.0	0.0	56.5
PIONEER BRAND 33V15	219.9	14.3	100.0	0.5	58.5
AGRIGOLD A6610	219.5	13.9	100.0	1.5	54.5
CAVERNDAL CF825YGCB	213.2	15.1	100.0	0.0	56.2
WYFFELS W8543(YGCB)	213.0	13.3	98.5	0.5	57.5
VIGORO BRAND V5450	205.9	14.2	100.0	0.0	56.5
SEED CONSULTANTS SC1144	204.9	15.0	100.0	2.5	57.5
DYNA-GRO 57K14	201.2	12.1	89.9	2.8	55.2
MEDIUM AVERAGE	235.7	14.4	99.4	1.0	56.7
LSD (0.10)	19.8	0.8	3.4	1.7	1.1
C.V.	6.2	4.0	2.5	120.2	1.5

TABLE 10W. YIELD SUMMARY, 2004, WHITE AVERAGE (113-117 DAYS TO MATURITY), PRINCETON, KY.

BRAND/HYBRID	YIELD BU/AC 02-04	YIELD BU/AC 03-04	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LODG % 2004	TEST WT LBS/BU 2004
PIONEER BRAND 33V62			252.2*	15.1	100.0	2.0	58.8
PIONEER BRAND 32B10			250.4*	16.3	99.5	1.0	59.5
PIONEER BRAND 32T78	166.0*	186.0*	237.7	17.1	100.0	1.0	59.2
MEDIUM CHECK	165.2*	186.7*	225.4	14.8	100.0	1.0	58.2
ZIMMERMAN 1851W	159.8*	180.7*	222.6	16.5	100.0	2.0	57.2
ZIMMERMAN WX7313			221.4	15.1	100.0	1.0	58.5
ZIMMERMAN WX7663		163.3	221.3	18.1	100.0	1.0	57.2
AGRIGOLD 6537W			197.6	14.2	100.0	2.5	58.2
ASGROW RX818W			193.7	16.8	100.0	2.0	58.2
White Average	163.6	179.2	224.7	16.0	99.9	1.5	58.3
LSD (0.10)	9.9	11.3	11.8	1.0	0.4	1.6	0.9
C.V.			3.7	4.4	0.3	72.6	1.0

* In any yield column, a hybrid mean followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

TABLE 11E. YIELD SUMMARY, 2004, EARLY AVERAGE (112 DAYS TO MATURITY OR EARLIER), LEWISPORT, KY

BRAND/HYBRID	YIELD BU/AC 02-04	YIELD BU/AC 03-04	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LODG % 2004	TEST WT LBS/BU 2004
GATEWAY 3912YGCBR		189.5*	222.7*	17.4	87.4	0.0	55.5
NK BRAND N65-M7	165.4*	189.0*	222.4*	16.8	100.0	0.0	54.8
DYNA GRO 57P69BT/RR		196.1*	221.9*	17.1	100.0	0.0	54.8
ASGROW RX715RR2			221.2*	18.9	100.0	0.0	57.2
CAVERNDAL CF788RR2		182.7*	220.1*	17.3	100.0	0.0	56.5
EXSEGEN ES112	164.0*	184.6*	218.3*	17.3	100.0	0.0	55.8
SO. STATES SS670Bt	164.2*	182.4	214.9*	18.1	96.0	0.0	55.5
CROPLAN GENETICS 631RR/Bt			214.7*	17.5	100.0	0.0	56.5
CROWS 4911B		188.9*	214.2*	17.3	100.0	0.0	55.2
MYCOGEN 2T780(HX)			213.6*	20.3	100.0	0.0	55.8
DYNA-GRO 5545	158.8*	181.6	213.1*	19.6	100.0	0.0	54.8
SO. STATES SS93008			212.0*	16.8	100.0	0.0	56.2
LG SEEDS LG2585	158.3*	181.9	211.1*	19.4	100.0	0.0	56.2
SO. STATES SS94003			210.4*	17.7	99.0	0.0	56.5
GATEWAY 9411Bt	155.6*	184.5*	210.0*	19.2	98.5	0.0	56.8
GOLDEN HARVEST H-9006Bt			209.3*	17.4	100.0	0.0	56.2
AGRIGOLD A6395Bt		197.1*	208.9*	16.4	100.0	0.0	55.8
CROWS 5321B			208.2*	19.1	100.0	0.0	54.5
WYFFELS W7273(YGCB)		176.9	206.8*	16.1	100.0	0.0	55.2
BECK 5422CBCL		182.1	206.4*	17.8	100.0	0.0	55.5
PIONEER BRAND 33N56			206.3*	20.1	100.0	0.5	57.5
GOLDEN HARVEST H-8906		185.5*	203.7*	19.5	100.0	0.0	55.5
ADLER 5010			202.5*	18.8	99.5	0.0	55.2
BIO GENE RRBT1122		181.0	202.5*	18.1	100.0	0.0	56.8
SEED CONSULTANTS SC11B23			199.6	16.8	100.0	0.0	56.8
SEED CONSULTANTS SC1124A			199.6	15.5	100.0	0.0	56.5
WYFFELS W7303(YGCB)			199.3	17.8	98.5	0.0	58.2
LG SEEDS LG2540Bt			198.8	16.8	100.0	0.0	55.5
UNITY SEEDS 8209			198.6	19.7	100.0	0.0	56.2
WYFFELS W7293(YGBT)			197.9	20.8	100.0	0.0	56.8
AGRIGOLD A4325			197.8	18.8	100.0	0.0	55.2
EARLY CHECK	143.3	167.9	196.2	17.6	100.0	0.0	55.8
PIONEER BRAND 34H32(YGCB)			194.9	17.5	96.5	0.0	58.2
CROPLAN GENETICS 691BT/LL			194.5	17.9	100.0	0.0	54.8
DEKALB DKC60-19(RR2/YGCB)		174.7	193.5	17.0	100.0	0.0	56.2
GARST SEED CO. 8450IT			193.4	21.1	100.0	0.0	54.8
BIO GENE BG1115			193.1	16.7	100.0	0.0	55.8
VIGORO BRAND V52Y41(YGCB)		178.9	192.8	17.1	100.0	0.0	55.2
SEED CONSULTANTS SC10RR92	157.6*	178.1	191.7	17.0	100.0	0.0	55.2
NK BRAND N70-T9		179.7	191.2	21.3	100.0	0.0	55.8
WYFFELS W7260			189.5	17.5	100.0	0.0	56.2
WYFFELS W6578(YGCB/CL)			188.9	17.6	100.0	0.0	54.8
DEKALB DKC61-50			187.7	18.1	100.0	0.0	55.8
GOLDEN HARVEST H-8959Bt			186.3	19.5	100.0	0.0	55.8
DYNA-GRO 57P46			186.1	17.9	100.0	0.0	54.8
MYCOGEN 2H789			185.7	18.0	98.5	0.0	56.5
DEKALB DKC61-45(RR2/YGCB)			178.9	19.0	100.0	0.0	55.8
AGRIGOLD 6445BTCL			177.9	18.1	100.0	0.0	54.8
PIONEER BRAND 34B24(YGCB)	160.1*	171.3	171.8	20.0	100.0	0.0	55.8
GATEWAY 2612CL		135.1	116.5	22.3	100.0	0.0	51.8
EARLY AVERAGE	158.6	180.4	199.9	18.2	99.5	0.0	55.8
LSD (0.10)	10.9	14.4	22.7	2.5	4.6	0.2	1.5
C.V.			8.4	10.1	3.4	122.5	2.0

TABLE 11L. YIELD SUMMARY, 2004, LATE AVERAGE (118 DAYS TO MATURITY OR LATER), LEWISPORT, KY.

BRAND/HYBRID	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LODG % 2004	TEST WT LBS/BU 2004
PIONEER BRAND 31G66	231.2*	21.5	100.0	0.0	58.8
PIONEER BRAND 32D99	231.0*	21.4	100.0	0.0	58.8
GOLDEN HARVEST H-9493Bt	222.8*	20.8	100.0	0.5	56.2
GARST SEED CO. 8292YG1	221.5*	24.3	100.0	0.0	59.8
GOLDEN HARVEST H-9461	221.5*	20.9	100.0	0.5	57.2
DEKALB DKC69-71(RR2/YGCB)	216.5*	22.6	96.5	0.5	57.5
CROPLAN GENETICS 895Bt	210.5*	26.3	100.0	0.0	58.5
VIGORO BRAND V58Y41(YGCB)	207.0*	21.1	100.0	0.5	56.2
AGRIGOLD A2402Bt	206.1	22.8	100.0	0.0	58.8
PIONEER BRAND 31N28(YGCB)	205.1	21.7	100.0	0.5	58.8
NK BRAND N82-A7	201.9	22.2	100.0	0.0	57.5
CAVERNDAL CF1015RR2	200.7	22.8	100.0	0.0	57.8
PIONEER BRAND 31N27	197.6	21.1	100.0	0.0	59.5
AGRIGOLD A2400Bt	190.7	25.4	100.0	0.0	56.8
EXSEGEN ES617	183.6	24.0	100.0	0.5	59.8
LATE CHECK	183.5	24.6	94.4	0.5	56.5
LATE AVERAGE	208.2	22.7	99.4	0.2	58.0
LSD (0.10)	24.3	2.0	3.2	0.7	3.1
C.V.	8.4	6.4	2.3	229.9	3.8

* In any yield column, a hybrid mean followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

TABLE 11M. YIELD SUMMARY, 2004, MEDIUM AVERAGE (113-117 DAYS TO MATURITY), LEWISPORT, KY.

BRAND/HYBRID	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LODG % 2004	TEST WT LBS/BU 2004
UNITY SEEDS 6296	235.6*	19.4	100.0	0.0	56.2
BIO GENE YGCB1143	230.4*	20.6	100.0	0.0	56.8
DYNA-GRO 57F87YG	229.0*	21.9	100.0	0.0	56.2
BECK 0296	227.1*	22.0	100.0	0.0	55.8
LG SEEDS 2633Bt	226.6*	21.1	100.0	0.0	55.5
SO. STATES SS42176	225.5*	21.0	100.0	0.0	57.5
DEKALB DKC64-10(RR2)	224.9*	19.0	100.0	0.0	57.8
PIONEER BRAND 33R77	224.2*	24.8	100.0	0.0	60.5
PIONEER BRAND 33R78(YGCB)	224.0*	23.2	100.0	0.0	59.2
AGRIGOLD A46454Bt	223.9*	21.1	100.0	0.0	56.5
BIO GENE BG1150(YG)	221.4*	22.7	100.0	0.0	57.2
LG SEEDS LG2622Bt	219.6*	21.4	100.0	0.0	54.8
DEKALB DKC64-11(RR2/YGCB)	219.0*	19.9	100.0	0.0	57.8
CROPLAN GENETICS 799Bt	218.4*	22.3	100.0	0.0	56.5
SO.STATES SS842RR	217.6*	26.4	100.0	0.0	56.8
PIONEER BRAND 33P67(YGCB)	217.0*	21.1	100.0	0.0	60.8
PFISTER 3977Bt	215.6*	22.6	100.0	0.0	57.2
AGRIGOLD A3400Bt	215.5*	20.8	100.0	0.0	57.8
GARST 8350YG1	213.4*	20.4	100.0	0.0	58.5
EXSEGEN ES414	213.4*	23.3	100.0	0.0	56.2
DEKALB DKC63-80(RR2)	213.4*	21.6	100.0	0.0	59.2
CROPLAN GENETICS 721CRW/Bt	211.2	20.6	100.0	0.0	56.8
DYNA-GRO 57K25	211.0	20.2	100.0	0.0	55.8
MYCOGEN 2J787	210.6	21.6	100.0	0.0	56.8
DYNA-GRO 57K14	208.6	21.1	100.0	0.0	57.8
NK BRAND N76-H2	208.4	23.7	100.0	0.0	60.8
CROPLAN GENETICS 731HX/LL	207.5	22.7	100.0	0.0	57.5
MYCOGEN 2P786(HX)	206.4	19.8	100.0	0.0	57.8
ADLER 7400	206.2	23.6	100.0	0.0	55.5
SO. STATES SS849CL	205.6	23.4	100.0	0.0	55.8
DEKALB DKC63-79(YGCB)	205.0	20.7	100.0	0.0	58.8
VIGORO BRAND V56Y51(YGCB)	204.8	22.3	100.0	0.0	57.8
AGRIGOLD A6610	204.5	23.9	100.0	0.0	57.8
GOLDEN HARVEST H-9364	202.5	19.5	100.0	0.0	57.2
MEDIUM CHECK	201.9	22.2	100.0	0.0	58.5
WYFFELS W8603(YGCB)	201.3	21.9	100.0	0.0	56.2
PIONEER BRAND 33M54	201.1	24.2	100.0	0.5	59.2
WYFFELS W8543(YGCB)	201.0	22.8	100.0	0.0	59.5
GOLDEN HARVEST H-9236BT/RR	200.7	21.0	100.0	0.0	57.8
CAVERNDAL CF825YGCB	199.9	21.9	100.0	0.0	56.8
PIONEER BRAND 33V15	199.5	20.5	89.9	0.0	59.5
VIGORO BRAND V5450	197.6	17.1	100.0	0.0	59.2
SEED CONSULTANTS SC11B40	197.1	23.1	100.0	0.0	57.8
DEKALB DKC63-81(RR2/YGCB)	196.8	21.3	100.0	0.0	58.5
SEED CONSULTANTS SC1144	194.1	21.7	100.0	0.0	59.2
BIO GENE BG1132	194.0	22.4	100.0	0.0	57.5
GOLDEN HARVEST H-9247Bt	193.4	23.7	100.0	0.5	56.8
CAVERNDAL CF837RR2/YGCB	192.8	20.3	100.0	0.0	55.8
CROWS 6620B	181.2	23.1	100.0	0.0	54.8
CAVERNDAL CF815RR2	170.0	23.1	100.0	0.0	55.2
MEDIUM AVERAGE	209.4	21.8	99.8	0.0	57.5
LSD (0.10)	23.2	2.6	1.9	0.2	2.2
C.V.	8.2	8.8	1.4	865.9	2.8

TABLE 11W. YIELD SUMMARY, 2004, WHITE AVERAGE (113-117 DAYS TO MATURITY), LEWISPORT, KY.

BRAND/HYBRID	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LODG % 2004	TEST WT LBS/BU 2004
PIONEER BRAND 32T78	207.6*	20.6	100.0	0.0	59.2
ZIMMERMAN 1851W	205.5*	21.7	100.0	0.0	55.8
PIONEER BRAND 33V62	198.9*	19.3	100.0	0.0	57.2
MEDIUM CHECK	198.5*	21.5	100.0	0.0	57.2
ZIMMERMAN WX7313	198.5*	21.1	100.0	0.5	58.2
PIONEER BRAND 32B10	198.4*	20.5	99.5	0.0	58.8
ZIMMERMAN WX7663	191.9*	23.0	100.0	0.0	57.2
AGRIGOLD 6537W	189.5	20.6	100.0	0.0	57.5
ASGROW RX818W	180.6	22.1	100.0	0.0	57.2
White Average	196.6	21.1	99.9	0.1	57.6
LSD (0.10)	15.9	1.6	0.4	0.4	1.3
C.V.	5.7	5.2	0.3	519.6	1.6

* In any yield column, a hybrid mean followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

TABLE 12E. YIELD SUMMARY, 2004, EARLY AVERAGE (112 DAYS TO MATURITY OR EARLIER), BOWLING GREEN, KY.

BRAND/HYBRID	YIELD BU/AC 02-04	YIELD BU/AC 03-04	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LOGD % 2004	TEST WT LBS/BU 2004	
GARST SEED CO. 8450IT			276.1*	19.0	100.0	0.0	55.8	
MYCOGEN 2T780(HX)			265.9*	21.7	100.0	1.0	58.5	
LG SEEDS LG2585	229.3*	252.6*	265.0*	18.3	100.0	1.5	57.5	
CROWS 4911B			259.0*	18.8	100.0	0.5	57.2	
GATEWAY 3912YGCBR			250.8*	262.2*	18.9	100.0	1.5	58.5
DYNA-GRO 5545	224.0*	248.8*	261.9*	18.4	100.0	4.5	58.5	
SEED CONSULTANTS SC10RR92	230.7*	250.1*	257.0*	18.6	100.0	1.0	59.2	
PIONEER BRAND 33N56			256.9*	20.0	96.0	0.0	58.8	
PIONEER BRAND 34B24(YGCB)	233.7*	256.5*	253.5	19.2	100.0	0.5	56.2	
GATEWAY 2612CL			246.2*	253.4	20.2	92.9	0.0	55.8
DYNA-GRO 57P46			253.3	19.5	100.0	1.5	57.8	
SO. STATES SS670Bt	214.6	241.6	252.7	17.7	100.0	1.0	57.2	
NK BRAND N70-T9			245.1	252.0	21.6	100.0	0.0	57.2
GOLDEN HARVEST H-8906			236.2	250.4	18.7	100.0	0.0	58.8
AGRIGOLD A4325			249.5	17.6	100.0	1.0	56.2	
AGRIGOLD 6445BTCL			249.4	18.9	100.0	0.5	57.8	
VIGORO BRAND V52Y41(YGCB)		245.8*	249.0	17.4	100.0	1.5	59.8	
CROWS 5321B			246.7	19.1	100.0	1.0	56.5	
CAVERNDAL E CF788RR2		242.2	246.5	19.7	99.5	1.5	57.8	
WYFFELS W6578(YGCB/CL)			244.5	18.9	100.0	1.0	57.5	
DEKALB DKC61-45(RR2/YGCB)			244.4	17.8	100.0	0.0	56.5	
SO. STATES SS94003			244.2	18.7	100.0	1.5	57.8	
NK BRAND N65-M7	220.9*	240.5	244.0	18.6	96.0	0.6	58.5	
ASGROW RX715RR2(RR2)			244.0	19.4	95.5	0.5	56.8	
CROPLAN GENETICS 631RR/Bt			243.3	18.8	100.0	1.0	57.5	
EXSEGEN ES112	221.4*	236.7	243.2	19.0	96.5	0.0	58.2	
CROPLAN GENETICS 691BT/LL			243.2	20.0	96.5	0.5	55.8	
WYFFELS W7293(YGBT)			242.4	19.2	97.0	1.6	56.8	
GOLDEN HARVEST H-9006Bt			240.4	19.6	100.0	0.5	59.2	
DEKALB DKC60-19(RR2/YGCB)		240.0	239.8	19.5	98.5	0.5	57.8	
LG SEEDS LG2540Bt			239.7	17.5	100.0	0.0	56.8	
SEED CONSULTANTS SC11B23			238.7	18.4	100.0	0.0	58.8	
WYFFELS W7303(YGCB)			238.5	19.2	100.0	2.0	58.8	
MYCOGEN 2H789			238.2	19.8	100.0	0.5	57.2	
DEKALB DKC61-50			236.2	18.2	100.0	0.0	57.8	
GATEWAY 9411Bt	219.8	234.3	235.2	20.6	97.5	4.1	58.5	
DYNA GRO 57P69BT/RR			243.3	234.1	20.3	100.0	1.5	56.8
WYFFELS W2723(YGCB)			234.2	232.8	19.1	98.5	1.0	57.5
EARLY CHECK	199.3	225.7	232.8	20.4	96.5	0.0	58.8	
BECK 5422CBCL		242.3	231.3	19.0	91.9	1.0	59.8	
SEED CONSULTANTS SC1124A			229.2	18.6	100.0	0.0	55.8	
BIO GENE BG1115			228.4	18.9	100.0	0.5	57.8	
ADLER 5010			226.2	20.0	94.4	0.5	58.8	
WYFFELS W7260			222.9	18.1	100.0	0.5	56.8	
AGRIGOLD A6395Bt		232.9	221.9	18.0	91.9	0.0	57.2	
SO. STATES SS93008			219.4	17.3	96.0	1.0	56.5	
UNITY SEEDS 8209			217.1	18.8	100.0	0.0	57.2	
GOLDEN HARVEST H-8959Bt			216.8	17.9	81.8	0.0	58.5	
PIONEER BRAND 34H32(YGCB)			214.3	17.7	94.9	0.0	59.2	
BIO GENE RRB1122		223.0	213.2	19.0	100.0	7.1	57.5	
EARLY AVERAGE	221.5	242.2	242.1	19.0	98.2	0.9	57.7	
LSD (0.10)	13.0	13.8	20.5	1.1	7.0	1.9	2.2	
C.V.			6.3	4.2	5.2	151.3	2.8	

TABLE 12L. YIELD SUMMARY, 2004, LATE AVERAGE (118 DAYS TO MATURITY OR LATER), BOWLING GREEN, KY.

BRAND/HYBRID	YIELD BU/AC 03-04	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LOGD % 2004	TEST WT LBS/BU 2004	
PIONEER BRAND 31G66	255.0*	265.8*	21.8	100.0	1.0	59.5	
PIONEER BRAND 32D99	260.7*	259.6*	23.0	100.0	1.5	61.8	
VIGORO BRAND V58Y41(YGCB)	233.0	234.6	22.5	100.0	0.5	57.2	
AGRIGOLD A2400Bt			228.0	23.5	100.0	0.5	59.8
CROPLAN GENETICS 895Bt			225.4	23.0	100.0	0.0	57.8
PIONEER BRAND 31N27	225.0	223.9	20.8	100.0	0.5	59.2	
PIONEER BRAND 31N28(YGCB)			223.8	20.5	100.0	0.0	59.8
GOLDEN HARVEST H-9493Bt			222.2	21.4	100.0	2.0	57.8
GOLDEN HARVEST H-9461	234.3	220.8	19.7	100.0	1.5	55.8	
DEKALB DKC69-71(RR2/YGCB)			220.3	23.3	100.0	0.0	59.5
NK BRAND N82-A7			219.9	23.8	98.5	1.0	58.2
EXSEGEN ES617	220.1	215.8	23.0	100.0	0.0	59.2	
GARST SEED CO. 8292YG1			204.7	20.8	86.9	0.0	57.8
LATE CHECK	203.8	195.6	23.8	85.4	1.3	56.5	
CAVERNDAL E CF1015RR2			194.8	22.3	97.5	0.5	57.8
AGRIGOLD A2402Bt			184.9	22.8	100.0	1.0	57.5
LATE AVERAGE	233.1	221.2	22.3	98.0	0.7	58.5	
LSD (0.10)	16.8	29.6	1.9	6.7	1.7	1.8	
C.V.		9.6	6.2	4.9	170.0	2.2	

* In any yield column, a hybrid mean followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

TABLE 12M. YIELD SUMMARY, 2004, MEDIUM AVERAGE (113-117 DAYS TO MATURITY), BOWLING GREEN, KY.

BRAND/HYBRID	YIELD BU/AC 02-04	YIELD BU/AC 03-04	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LODG % 2004	TEST WT LBS/BU 2004
PIONEER BRAND 33R78(YGCB)			262.5*	20.3	100.0	0.0	56.8
SO. STATES SS842RR	213.3*	246.7	255.6*	22.8	100.0	0.0	55.8
PIONEER BRAND 33P67(YGCB)	226.0*	261.3*	254.7*	20.1	100.0	0.5	55.5
PIONEER BRAND 33R77	224.1*	252.3*	252.5*	21.0	100.0	0.0	57.2
CROPLAN GENETICS 731HX/LL			252.0*	20.5	100.0	0.0	57.2
CROPLAN GENETICS 721CRW/Bt			241.8	20.8	100.0	0.0	56.2
GARST 8350YG1		253.0*	241.7	19.5	100.0	0.0	56.5
CROPLAN GENETICS 799Bt			240.1	21.3	100.0	0.5	57.5
BIO GENE YGCB1143			238.3	20.6	100.0	0.0	57.5
CAVERNDALE CF815RR2			237.7	19.6	100.0	1.0	55.8
WYFFELS W8603(YGCB)			237.6	21.9	100.0	0.5	57.8
NK BRAND N76-H2			236.9	21.9	100.0	0.5	58.2
DEKALB DKC64-10(RR2)	210.5	231.3	236.4	17.5	100.0	0.5	56.5
DEKALB DKC63-79(YGCB)			235.9	18.2	100.0	0.0	56.2
SO. STATES SSE42176			235.8	20.1	100.0	0.0	56.8
PFISTER 3977Bt	216.8*	241.4	234.2	21.0	100.0	1.0	55.5
GOLDEN HARVEST H-9364	215.5*	234.2	233.9	19.6	100.0	1.0	58.5
DYNA-GRO 57K25			232.4	19.4	100.0	2.0	58.2
SO. STATES SS849CL	213.7*	236.7	232.2	21.0	100.0	0.5	57.5
DEKALB DKC63-80(RR2)			232.0	17.8	100.0	0.0	55.8
AGRIGOLD A6610		237.8	232.0	20.6	100.0	1.0	55.5
DEKALB DKC64-11(RR2/YGCB)		231.7	231.6	17.4	100.0	0.0	56.8
GOLDEN HARVEST H-9247Bt	212.6	232.0	231.0	18.3	100.0	1.5	58.2
MYCOGEN 2J787			230.3	19.1	100.0	0.0	55.2
LG SEEDS 2633Bt			230.2	21.2	100.0	2.0	57.2
DYNA-GRO 57K14		237.5	229.9	18.7	94.9	1.5	58.5
LG SEEDS LG2622Bt		245.6	229.1	20.9	100.0	1.0	57.8
AGRIGOLD A3400Bt			228.8	18.6	100.0	0.0	58.5
AGRIGOLD A4300Bt			228.4	21.3	100.0	0.5	59.2
DYNA-GRO 57F87YG		236.4	227.5	20.2	100.0	0.5	56.8
GOLDEN HARVEST H-9236BT/RR			227.4	18.5	100.0	1.5	56.5
PIONEER BRAND 33V15		224.1	227.4	19.2	100.0	0.0	57.2
PIONEER BRAND 33M54		234.7	226.9	20.5	100.0	0.0	57.2
BIO GENE BG1150(YG)	208.2	236.5	226.5	22.2	100.0	1.5	56.8
EXSEGEN ES414			226.1	22.2	100.0	1.0	56.2
CROWS 6620B			225.5	22.2	100.0	1.0	57.8
VIGORO BRAND V56Y51(YGCB)			224.8	19.6	100.0	0.0	54.8
BECK 0296		235.2	223.6	21.7	97.0	1.0	56.2
WYFFELS W8543(YGCB)		226.2	223.5	18.6	100.0	0.5	56.2
ADLER 7400		231.8	222.0	20.9	100.0	3.0	56.8
UNITY SEEDS 6296			221.2	18.2	100.0	0.5	57.5
CAVERNDALE CF837RR2/YGCB		229.2	217.6	20.4	98.0	0.0	56.5
DEKALB DKC63-81(RR2/YGCB)			217.4	17.8	100.0	0.0	57.2
MEDIUM CHECK	208.0	223.3	217.4	19.6	100.0	0.0	57.8
SEED CONSULTANTS SC11B40			216.7	19.6	100.0	0.0	55.8
CAVERNDALE CF825YGCB		220.2	216.0	21.9	100.0	0.5	56.5
MYCOGEN 2P786(HX)			214.9	18.0	96.5	1.0	57.5
VIGORO BRAND V5450			214.8	18.2	100.0	1.0	56.5
BIO GENE BG1132			207.0	20.7	100.0	0.0	55.2
SEED CONSULTANTS SC1144			206.6	21.0	100.0	0.0	57.8
MEDIUM AVERAGE	214.9	236.5	230.5	20.0	99.7	0.6	56.9
LSD (0.10)	13.3	11.6	15.7	1.2	2.4	1.6	2.0
C.V.			5.0	4.4	1.8	202.7	2.6

TABLE 12W. YIELD SUMMARY, 2004, WHITE AVERAGE (113-117 DAYS TO MATURITY), BOWLING GREEN, KY.

BRAND/HYBRID	YIELD BU/AC 02-04	YIELD BU/AC 03-04	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LODG % 2004	TEST WT LBS/BU 2004
MEDIUM CHECK	180.6*	186.4*	157.4*	20.8	100.0	1.5	53.7
ZIMMERMAN WX7663		172.4	153.4*	24.3	100.0	0.5	52.3
AGRIGOLD 6537W			149.5*	19.5	100.0	0.5	53.3
PIONEER BRAND 32T78	167.4	184.6*	148.8*	20.3	99.0	0.5	54.3
ASGROW RX818W			148.7*	21.0	100.0	0.0	53.7
PIONEER BRAND 32B10			141.1*	19.7	99.0	0.0	53.3
ZIMMERMAN 1851W	155.8	161.5	131.6	25.1	100.0	0.0	52.7
PIONEER BRAND 33V62			129.8	19.1	81.3	0.0	53.3
ZIMMERMAN WX7313			123.2	22.7	93.4	0.5	53.7
White Average	167.9	176.2	142.6	21.4	97.0	0.4	53.4
LSD (0.10)	11.5	11.5	19.8	2.0	6.9	1.1	2.2
C.V.			9.7	6.5	5.0	196.4	2.9

* In any yield column, a hybrid mean followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

TABLE 13E. YIELD SUMMARY, 2004, EARLY AVERAGE (112 DAYS TO MATURITY OR EARLIER), HODGENVILLE, KY.

BRAND/HYBRID	YIELD BU/AC 02-04	YIELD BU/AC 03-04	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LODG % 2004	TEST WT LBS/BU 2004
LG SEEDS LG2540Bt			230.4*	13.9	100.0	2.5	55.8
SO. STATES SS670Bt	220.1*	229.0*	223.9*	13.0	100.0	6.1	55.8
GATEWAY 2612CL		214.6*	222.4*	15.0	98.0	5.8	55.2
AGRIGOLD 6445BTCL			222.2*	14.4	100.0	6.1	55.5
GOLDEN HARVEST H-8959Bt			221.3*	14.5	100.0	8.1	57.5
WYFFELS W6578(YGCB/CL)			219.2*	13.9	100.0	5.1	55.5
NK BRAND N70-T9		215.7*	217.1*	14.5	100.0	1.5	55.5
MYCOGEN 2T780(HX)			214.4*	15.6	100.0	4.5	56.2
SO. STATES SS94003			214.2*	14.2	100.0	6.6	54.8
GOLDEN HARVEST H-8906		212.0	213.6*	13.7	100.0	5.1	54.8
PIONEER BRAND 34B24(YGCB)	208.8*	215.7*	213.3*	15.4	93.9	10.2	57.8
GATEWAY 3912YGCBR		212.6	213.0*	13.6	100.0	9.6	55.2
CROWS 5321B			211.8*	14.9	100.0	6.6	54.8
AGRIGOLD A6395Bt		221.0*	210.5*	13.3	100.0	3.0	54.2
NK BRAND N65-M7	199.4	211.3	209.9*	13.2	100.0	10.1	55.5
LG SEEDS LG2585	203.6	220.0*	206.9	13.8	100.0	7.6	55.2
DYNA-GRO 57P46			204.8	15.1	100.0	5.6	56.2
GARST SEED CO. 8450IT			203.8	15.0	100.0	7.1	54.5
CROPLAN GENETICS 631RR/Bt			203.5	14.2	100.0	4.5	55.2
SEED CONSULTANTS SC11B23			203.1	14.1	100.0	8.1	56.5
CROPLAN GENETICS 691BT/LL			203.1	14.6	100.0	8.6	54.2
CROW'S 4911B		210.0	202.7	13.5	100.0	10.6	54.2
WYFFELS W7293(YGBT)			201.4	14.9	100.0	6.1	57.5
ADLER 5010			200.9	14.3	98.0	7.2	55.2
WYFFELS W7260			199.1	14.2	100.0	2.5	56.2
MYCOGEN 2H789			198.3	15.3	100.0	8.1	56.5
VIGORO BRAND V52Y41(YGCB)		219.0*	197.6	14.5	98.5	9.7	54.8
SEED CONSULTANTS SC10RR92	203.6	212.0	197.6	13.2	100.0	4.5	54.5
EXSEGEN ES112	201.2	207.4	197.2	13.7	100.0	10.6	54.5
ASGROW RX715RR2			196.0	13.8	100.0	6.1	53.5
PIONEER BRAND 33N56			195.4	14.0	97.5	3.6	55.2
SEED CONSULTANTS SC1124A			195.1	15.4	100.0	0.0	56.5
BECK 5422CBCL		212.9	193.7	14.5	99.0	7.1	55.2
GOLDEN HARVEST H-9006Bt			191.9	13.4	100.0	10.6	53.2
DYNA GRO 57P69BT/RR		208.0	191.6	14.3	100.0	8.1	54.5
CAVERNDALE CF788RR2		207.2	191.0	13.8	100.0	11.6	53.8
GATEWAY 9411BT	191.7	201.7	190.6	13.5	100.0	4.5	53.5
PIONEER BRAND 34H32(YGCB)			190.4	14.1	100.0	4.0	56.5
WYFFELS W7273(YGCB)		198.3	189.9	13.7	100.0	3.0	54.2
DEKALB DKC60-19(RR2/YGCB)		205.9	189.5	14.0	100.0	3.0	54.2
AGRIGOLD A4325			187.8	13.6	100.0	8.6	54.8
BIO GENE BG1115			187.6	15.1	100.0	1.5	55.2
EARLY CHECK	177.5	187.1	186.8	14.1	100.0	6.1	54.8
DEKALB DKC61-50			186.2	14.1	100.0	5.1	54.5
DEKALB DKC61-45(RR2/YGCB)			185.1	14.3	100.0	4.0	54.2
UNITY SEEDS 8209			181.4	13.2	100.0	1.0	54.2
SO. STATES SS93008			178.0	13.0	100.0	2.5	54.8
DYNA-GRO 5545	193.5	201.7	171.0	14.1	100.0	7.6	54.2
BIO GENE RRB1122		193.6	168.4	15.2	100.0	8.1	57.2
WYFFELS W7303(YGCB)			156.3	14.5	96.5	11.1	55.8
EARLY AVERAGE	199.9	209.8	199.6	14.2	99.6	6.2	55.2
LSD (0.10)	12.1	14.6	20.7	0.9	2.7	5.0	1.5
C.V.			7.7	4.9	2.0	59.2	2.0

TABLE 13L. YIELD SUMMARY, 2004, LATE AVERAGE (118 DAYS TO MATURITY OR LATER), HODGENVILLE, KY.

BRAND/HYBRID	YIELD BU/AC 03-04	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LODG % 2004	TEST WT LBS/BU 2004
PIONEER BRAND 32D99	211.3*	226.9*	16.4	100.0	7.1	57.5
GARST SEED CO. 8292YG1		218.2*	16.1	100.0	2.5	58.5
PIONEER BRAND 31G66	202.1*	216.9*	16.6	98.0	6.3	58.2
CROPLAN GENETICS 895Bt		213.1*	19.3	98.5	6.1	59.2
CAVERNDALE CF1015RR2		204.1*	17.7	100.0	6.1	58.5
VIGORO BRAND V58Y41(YGCB)	194.3*	202.8*	16.5	100.0	9.1	56.2
PIONEER BRAND 31N27	187.2	201.7*	16.5	100.0	5.6	57.2
GOLDEN HARVEST H9493Bt		196.1	15.3	100.0	9.1	55.8
NK BRAND N82-A7		194.5	16.8	97.5	0.0	56.5
PIONEER BRAND 31N28(YGCB)		190.8	17.2	100.0	8.1	57.5
AGRIGOLD A2400Bt		188.3	16.4	100.0	8.1	57.5
EXSEGEN ES617	186.7	187.2	18.0	100.0	6.6	57.8
GOLDEN HARVEST H-9461	189.5	184.8	14.1	91.9	7.6	53.5
DEKALB DKC69-71(RR2/YGCB)		184.1	17.0	100.0	5.1	56.8
LATE CHECK	164.1	166.3	17.5	87.9	6.7	54.8
AGRIGOLD A2402Bt		155.9	20.3	98.0	6.7	57.5
LATE AVERAGE	190.7	195.7	17.0	98.2	6.3	57.1
LSD (0.10)	18.8	29.8	1.8	4.7	5.0	1.9
C.V.		11.0	7.5	3.4	57.3	2.4

* In any yield column, a hybrid mean followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

TABLE 13M. YIELD SUMMARY, 2004, MEDIUM AVERAGE (113-117 DAYS TO MATURITY), HODGENVILLE, KY.

BRAND/HYBRID	YIELD BU/AC 02-04	YIELD BU/AC 03-04	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LODG % 2004	TEST WT LBS/BU 2004
NK BRAND N76-H2			236.0*	14.8	100.0	2.0	56.8
DYNA-GRO 57F87YG		220.2*	228.7*	15.1	100.0	7.1	55.8
CROPLAN GENETICS 799Bt			225.4*	16.4	100.0	9.1	58.2
LG SEEDS LG2622Bt		200.8	221.7*	15.2	99.0	10.7	56.2
PIONEER BRAND 33P67(YGCB)	206.2*	208.1*	219.9*	16.3	100.0	2.5	58.8
BIO GENE BG1132			219.5*	16.4	95.5	1.0	56.2
AGRIGOLD A6454			218.5*	14.2	100.0	3.5	56.5
GARST 8350YG1		214.2*	218.4*	15.9	100.0	3.5	57.2
PIONEER BRAND 33M54		198.9	218.0*	17.1	100.0	3.5	59.8
UNITY SEEDS 6296			212.5	13.6	100.0	8.6	54.8
DEKALB DKC64-10(RR2)	207.2*	205.0*	212.3	13.7	100.0	3.5	56.2
SO.STATES SS842RR	198.4	206.4*	212.1	18.6	100.0	7.1	56.2
BIO GENE YGCB1143			209.8	17.5	100.0	6.6	57.2
SEED CONSULTANTS SC11B40			208.1	15.6	100.0	0.5	57.5
CROPLAN GENETICS 721CRW/Bt			207.0	13.8	100.0	7.6	55.2
MYCOGEN 2J787			206.4	15.5	100.0	6.1	55.5
CROWS 6620B			206.0	16.7	100.0	12.1	56.8
SO. STATES SS42176			205.4	14.2	100.0	1.0	55.5
CROPLAN GENETICS 731HX/LL			205.2	15.2	100.0	7.1	55.5
DEKALB DKC63-80(RR2)			204.8	14.6	100.0	8.1	57.5
PIONEER BRAND 33R77	219.7*	206.6*	204.8	15.1	99.5	9.1	54.8
ADLER 7400		204.4*	204.7	15.2	100.0	5.1	54.8
GOLDEN HARVEST H-9364	196.1	198.7	204.7	14.1	100.0	6.6	55.2
AGRIGOLD A6610		200.5	204.5	14.3	100.0	13.1	54.5
VIGORO BRAND V56Y51(YGCB)			204.3	14.7	100.0	2.5	56.5
BIO GENE BG1150(YG)	201.2	199.3	204.0	16.3	100.0	6.1	56.2
DEKALB DKC64-11(RR2/YGCB)		189.9	203.3	14.1	100.0	7.1	55.5
EXSEGEN ES414			203.0	15.2	100.0	12.1	55.2
LG SEEDS 2633Bt			201.0	13.4	100.0	7.6	54.2
AGRIGOLD A6454Bt			198.9	13.8	100.0	4.5	54.5
MEDIUM CHECK	194.7	188.3	198.9	15.5	100.0	5.6	56.2
DEKALB DKC63-81(RR2/YGCB)			198.5	13.9	100.0	2.5	56.8
SEED CONSULTANTS SC1144			196.7	15.5	100.0	3.5	58.2
CAVERNDAL CF825YGCB		193.1	192.5	14.9	100.0	7.1	54.8
PIONEER BRAND 33V15		199.3	191.9	15.1	83.8	3.9	57.8
SO. STATES SS849CL	192.9	194.5	191.1	15.8	100.0	8.6	54.8
WYFFELS W8603(YGCB)			190.9	14.2	100.0	3.0	54.5
BECK 0296		189.0	189.2	16.1	99.0	7.1	55.8
DEKALB DKC63-79(YGCB)			189.0	13.8	100.0	5.6	56.5
VIGORO BRAND V5450			188.4	15.6	100.0	3.0	56.8
DYNA-GRO 57K25			188.0	14.1	100.0	9.1	55.2
PIONEER BRAND 33R78(YGCB)			187.5	15.6	100.0	7.6	55.2
PFISTER 3977BT	199.8	193.0	184.5	16.1	100.0	8.6	55.5
WYFFELS W8543(YGCB)		184.8	184.3	14.5	99.0	14.8	57.2
GOLDEN HARVEST H-9247Bt	198.3	193.4	179.3	14.9	100.0	13.1	57.5
CAVERNDAL CF815RR2			176.6	14.4	100.0	13.1	55.2
DYNA-GRO 57K14		186.9	173.4	13.5	97.0	10.5	53.5
CAVERNDAL CF837RR2/YGCB		175.2	168.3	16.1	100.0	18.2	56.8
MYCOGEN 2P786(HX)			159.4	13.7	100.0	4.5	52.8
GOLDEN HARVEST H-9236BT/RR			146.4	15.1	100.0	14.1	56.8
MEDIUM AVERAGE	201.4	197.8	200.1	15.1	99.5	7.0	56.1
LSD (0.10)	15.4	17.9	21.7	1.1	3.1	4.4	1.9
C.V.			8.0	5.2	2.3	46.8	2.5

TABLE 13W. YIELD SUMMARY, 2004, WHITE AVERAGE (113-117 DAYS TO MATURITY), HODGENVILLE, KY.

BRAND/HYBRID	YIELD BU/AC 02-04	YIELD BU/AC 03-04	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LODG % 2004	TEST WT LBS/BU 2004
PIONEER BRAND 32T78	209.5*	200.9*	229.5*	20.8	98.0	2.6	58.8
PIONEER BRAND 32B10			224.2*	16.5	89.9	0.5	57.8
PIONEER BRAND 33V62			218.3*	16.4	96.5	5.2	57.8
ZIMMERMAN WX7663		181.4	202.7	18.2	100.0	8.1	57.5
ZIMMERMAN WX7313			202.2	17.1	97.0	3.3	58.2
ASGROW RX818W			199.0	17.4	98.5	2.0	58.2
MEDIUM CHECK	189.3	178.8	176.1	15.1	96.5	0.5	55.8
ZIMMERMAN 1851W	191.0	175.3	172.6	17.6	100.0	12.6	56.5
AGRIGOLD 6537W			164.9	14.6	97.5	4.2	55.5
White Average	196.6	184.1	198.8	17.1	97.1	4.4	57.4
LSD (0.10)	11.9	15.3	22.9	1.7	7.7	3.3	1.5
C.V.			8.1	7.0	5.5	53.7	1.8

* In any yield column, a hybrid mean followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

TABLE 14E. YIELD SUMMARY, 2004, EARLY AVERAGE (112 DAYS TO MATURITY OR EARLIER), LEXINGTON, KY.

BRAND/HYBRID	YIELD BU/AC 03-04	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LODG % 2004	TEST WT LBS/BU 2004
DYNA-GRO 57P46		261.4*	18.2	100.0	0.0	57.5
ADLER 5010		257.3*	17.7	100.0	0.5	58.2
CROWS 5321B		252.6*	17.8	100.0	0.0	55.8
SO. STATES SS670Bt	250.3*	249.8*	16.5	100.0	0.5	58.5
DYNA GRO 57P69BT/RR	252.7*	249.4*	16.2	100.0	0.0	57.2
DYNA-GRO 5545	254.2*	247.9*	16.8	100.0	0.5	56.5
WYFFELS W7293(YGBT)		246.9*	17.2	100.0	0.0	59.2
WYFFELS W7273(YGCB)	236.2	246.4*	16.5	100.0	0.0	57.5
PIONEER BRAND 33N56		241.1*	17.5	100.0	1.0	57.8
BECK 5422CBCL	251.7*	240.6*	16.8	100.0	0.0	56.5
GATEWAY 2612CL	248.9*	239.5	17.5	100.0	1.0	56.8
DEKALB DKC61-45(RR2/YGCB)		237.6	16.5	100.0	0.0	57.5
GARST SEED CO. 8450IT		237.4	17.5	100.0	0.0	56.8
AGRIGOLD A4325		237.1	16.3	100.0	0.0	55.8
CROW'S 4911B	250.9*	236.0	16.8	100.0	0.0	56.5
CAVERNDALE CF788RR2	243.1*	235.6	16.9	100.0	0.5	56.5
PIONEER BRAND 34B24(YGCB)	240.6*	235.5	17.4	100.0	1.0	58.2
DEKALB DKC60-19(RR2/YGCB)	235.2	234.8	16.5	100.0	0.0	57.8
NK BRAND N65-M7	246.8*	233.7	16.1	100.0	0.5	55.8
ASGROW RX715RR2		233.5	17.0	100.0	0.5	57.8
BIO GENE RRBT1122	227.6	232.6	16.9	100.0	0.0	59.2
VIGORO BRAND V52Y41(YGCB)	248.2*	231.4	16.7	100.0	0.0	57.2
EXSEGEN ES112	240.3*	229.8	16.4	100.0	0.0	56.5
WYFFELS W7303(YGCB)		229.5	16.5	100.0	0.0	58.8
EARLY CHECK	228.2	228.8	17.6	100.0	1.0	57.2
NK BRAND N70-T9	238.2	228.8	17.2	100.0	0.0	56.5
CROPLAN GENETICS 691BT/LL		228.7	17.0	100.0	0.5	55.8
AGRIGOLD 6445BTCL		227.6	16.4	100.0	0.0	56.5
SEED CONSULTANTS SC11B23		227.0	16.5	100.0	0.0	57.5
MYCOGEN 2T780(HX)		226.4	18.1	100.0	0.5	57.2
WYFFELS W7260		225.9	16.3	100.0	0.5	57.8
AGRIGOLD A6395Bt	235.8	225.0	16.0	100.0	0.0	56.2
SEED CONSULTANTS SC10RR92	235.0	224.0	16.5	100.0	1.0	56.5
MYCOGEN 2H789		223.9	17.1	100.0	0.0	57.8
GATEWAY 3912YGCBR	234.2	223.0	16.2	100.0	0.0	55.5
SO. STATES SS94003		222.4	16.8	100.0	0.0	56.5
SEED CONSULTANTS SC1124A		220.6	16.2	100.0	2.0	57.2
CROPLAN GENETICS 631RR/Bt		220.4	16.8	100.0	1.0	56.2
GOLDEN HARVEST H-9006Bt		220.4	16.8	100.0	0.0	56.2
GOLDEN HARVEST H-8959Bt		219.6	15.6	100.0	0.0	57.2
DEKALB DKC61-50		219.2	16.8	100.0	0.5	55.8
GATEWAY 9411Bt	223.4	218.7	17.1	100.0	0.0	55.8
LG SEEDS LG2585	231.5	212.5	16.6	100.0	0.5	56.5
GOLDEN HARVEST H-8906	231.6	212.2	16.2	100.0	0.0	56.2
SO. STATES SS93008		211.6	15.7	100.0	0.5	55.8
BIO GENE BG1115		211.2	16.6	100.0	0.0	57.5
UNITY SEEDS 8209		210.2	15.4	99.5	0.5	56.2
WYFFELS W6578(YGCB/CL)		208.2	16.4	100.0	0.0	55.5
LG SEEDS LG2540Bt		207.9	16.2	100.0	0.0	55.2
PIONEER BRAND 34H32(YGCB)		206.0	16.5	100.0	0.5	58.8
EARLY AVERAGE	240.2	229.8	16.7	100.0	0.3	56.9
LSD (0.10)	14.1	20.8	0.9	0.2	1.0	1.5
C.V.		6.7	4.0	0.1	243.4	1.9

TABLE 14L. YIELD SUMMARY, 2004, LATE AVERAGE (118 DAYS TO MATURITY OR LATER), LEXINGTON, KY.

BRAND/HYBRID	YIELD BU/AC 03-04	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LODG % 2004	TEST WT LBS/BU 2004
PIONEER BRAND 32D99	243.5*	234.7*	19.9	100.0	0.0	57.8
GARST SEED CO. 8292YG1		218.8*	19.2	100.0	0.0	58.5
GOLDEN HARVEST H-9493Bt		213.6	19.6	100.0	0.0	56.2
PIONEER BRAND 31N28(YGCB)		210.4	18.2	100.0	0.5	59.2
CROPLAN GENETICS 895Bt		208.7	22.9	100.0	0.0	57.5
PIONEER BRAND 31G66	236.6*	208.2	18.5	100.0	0.5	58.8
AGRIGOLD A2400Bt		208.2	19.4	100.0	0.0	57.8
VIGORO BRAND V58Y41(YGCB)	218.0	206.1	18.4	100.0	0.0	55.5
AGRIGOLD A2402Bt		198.0	22.0	100.0	0.0	59.5
CAVERNDALE CF1015RR2		197.0	20.4	100.0	0.5	58.8
LATE CHECK	213.5	195.6	19.4	100.0	1.0	57.5
DEKALB DKC69-71(RR2/YGCB)		194.4	21.6	100.0	0.0	57.8
GOLDEN HARVEST H-9461	226.0	194.0	16.8	100.0	0.0	55.8
PIONEER BRAND 31N27	211.5	191.2	18.0	100.0	0.0	58.2
EXSEGEN ES617	208.5	189.8	21.3	100.0	1.5	58.5
NK BRAND N82-A7		184.7	20.1	99.0	0.5	56.8
LATE AVERAGE	222.5	203.3	19.7	99.9	0.3	57.8
LSD (0.10)	13.1	18.2	1.2	0.6	1.0	1.4
C.V.		6.4	4.3	0.4	255.2	1.8

* In any yield column, a hybrid mean followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

TABLE 14M. YIELD SUMMARY 2004, MEDIUM AVERAGE (113-117 DAYS TO MATURITY), LEXINGTON, KY.

BRAND/HYBRID	YIELD BU/AC 02-04	YIELD BU/AC 03-04	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LODG % 2004	TEST WT LBS/BU 2004
PIONEER BRAND 33R78(YGCB)			276.3*	17.8	100.0	0.0	58.5
SO. STATES SS842RR	210.1	263.7*	268.7*	19.9	100.0	0.5	58.2
PIONEER BRAND 33P67(YGCB)	225.7*	269.8*	266.0*	19.1	100.0	0.0	58.2
MYCOGEN 2J787			264.3*	16.0	100.0	0.5	58.5
CAVERNDALE CF815RR2			263.9*	17.5	100.0	0.0	59.5
UNITY SEEDS 6296			262.7*	14.8	100.0	0.5	58.8
PIONEER BRAND 33R77	214.7*	263.3*	257.9	18.4	100.0	2.0	57.5
CROWS 6620B			257.6	18.5	100.0	0.0	58.5
CROPLAN GENETICS 799Bt			256.8	19.2	99.5	0.0	58.5
EXSEGEN ES414			256.7	17.1	100.0	1.5	58.5
SO. STATES SS42176			256.6	17.1	100.0	1.5	57.2
GOLDEN HARVEST H-9364	210.5	260.1*	255.7	16.7	100.0	0.0	58.8
CROPLAN GENETICS 721CRW/Bt			253.0	17.1	100.0	0.0	57.8
CROPLAN GENETICS 731HX/LL			252.5	17.6	100.0	0.0	58.5
SO. STATES SS849CL	215.0*	261.6*	252.5	18.6	100.0	0.0	57.2
GARST 8350YG1		243.8	250.0	17.5	100.0	0.0	58.2
DYNA-GRO 57F87YG		256.0	249.5	18.4	100.0	0.5	58.8
DEKALB DKC63-80(RR2)			248.6	16.6	100.0	0.5	56.8
WYFFELS W8603(YGCB)			248.5	18.1	100.0	0.5	59.2
PFISTER 3977Bt	210.3	256.1	248.1	18.3	100.0	0.0	57.5
BIO GENE YGCB1143			247.6	18.1	100.0	0.0	58.8
BIO GENE BG1132			247.5	18.0	100.0	0.0	60.8
AGRIGOLD A4300Bt			246.5	17.0	100.0	0.0	57.8
ADLER 7400		252.7	245.8	18.3	100.0	0.5	57.2
DYNA-GRO 57K25			245.3	16.0	100.0	0.0	60.5
GOLDEN HARVEST H-9247Bt	206.3	242.0	243.4	16.2	100.0	0.0	57.8
AGRIGOLD A3400Bt			243.1	15.9	100.0	0.0	58.2
LG SEEDS 2633Bt			243.0	17.0	100.0	0.5	58.5
AGRIGOLD A6610		252.7	243.0	16.7	100.0	0.0	58.8
VIGORO BRAND V56Y51(YGCB)			242.9	17.5	100.0	0.0	58.8
BECK 0296		252.5	242.9	18.0	100.0	0.0	58.5
DEKALB DKC63-81(RR2/YGCB)			242.8	15.8	100.0	0.0	59.2
DEKALB DKC64-10(RR2)	209.7	245.9	242.4	16.0	100.0	0.0	59.8
BIO GENE BG1150(YG)	210.1	246.8	241.2	19.6	100.0	0.0	58.5
LG SEEDS LG2622Bt		254.1	238.6	16.8	100.0	0.0	58.2
NK BRAND N76-H2			237.9	18.6	100.0	0.0	60.2
VIGORO BRAND V5450			236.7	16.4	100.0	1.5	59.2
CAVERNDALE CF825YGCB		235.2	235.8	17.7	100.0	0.5	59.8
MEDIUM CHECK	189.9	236.6	235.3	17.6	100.0	0.5	59.2
GOLDEN HARVEST H-9236BT/RR			235.0	16.1	100.0	0.0	57.8
MYCOGEN 2P786(HX)			233.7	16.4	100.0	0.0	59.5
SEED CONSULTANTS SC1144			232.7	18.0	100.0	0.5	59.8
CAVERNDALE CF837RR2/YGCB		239.1	232.3	17.6	100.0	0.0	58.8
PIONEER BRAND 33M54		230.5	231.1	18.6	100.0	0.0	57.8
PIONEER BRAND 33V15		238.9	229.8	17.0	100.0	1.5	59.8
SEED CONSULTANTS SC11B40			228.8	17.0	100.0	0.0	58.2
DEKALB DKC64-11(RR2/YGCB)		234.1	227.8	15.8	100.0	0.0	57.5
WYFFELS W8543(YGCB)		227.5	227.5	16.8	100.0	0.5	58.8
DYNA-GRO 57K14		241.7	226.1	16.0	100.0	2.0	58.2
DEKALB DKC63-79(YGCB)			222.4	17.7	100.0	0.0	58.5
MEDIUM AVERAGE	210.2	248.0	245.5	17.4	100.0	0.3	58.6
LSD (0.10)	11.1	10.7	14.2	1.3	0.2	1.0	1.8
C.V.			4.3	5.6	0.1	222.7	2.2

TABLE 14W. YIELD SUMMARY, 2004, WHITE AVERAGE (113-117 DAYS TO MATURITY), LEXINGTON, KY.

BRAND/HYBRID	YIELD BU/AC 02-04	YIELD BU/AC 03-04	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LODG % 2004	TEST WT LBS/BU 2004
PIONEER BRAND 32B10			204.2*	21.5	100.0	0.0	58.8
MEDIUM CHECK	184.1*	207.2*	186.0*	18.3	100.0	3.5	58.2
PIONEER BRAND 33V62			185.9*	20.9	100.0	0.5	57.8
AGRIGOLD 6537W			175.7	20.4	100.0	1.5	58.2
PIONEER BRAND 32T78	178.3*	208.5*	172.1	22.2	100.0	1.0	58.2
ZIMMERMAN 1851W	161.3	195.5*	168.9	22.5	100.0	1.0	56.8
ZIMMERMAN WX7313			150.7	21.0	100.0	0.0	56.8
ZIMMERMAN WX7663		173.1	144.8	23.7	100.0	0.0	55.5
ASGROW RX818W			134.9	21.9	99.5	0.5	56.2
White Average	174.6	196.1	169.2	21.4	99.9	0.9	57.4
LSD (0.10)	14.6	18.7	22.9	1.1	0.4	1.4	1.6
C.V.			9.5	3.5	0.3	106.5	1.9

* In any yield column, a hybrid mean followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

TABLE 15E. YIELD SUMMARY, 2004, EARLY AVERAGE (112 DAYS TO MATURITY OR EARLIER), QUICKSAND, KY.

BRAND/HYBRID	YIELD BU/AC 02-04	YIELD BU/AC 03-04	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LODG % 2004	TEST WT LBS/BU 2004
SO. STATES SS670Bt	170.8*	189.8*	211.3*	18.8	100.0	0.0	56.5
CROWS 5321B			197.0*	20.1	100.0	0.0	56.5
WYFFELS W7273(YGCB)		183.0*	195.9*	18.1	100.0	0.0	55.5
ASGROW RX715RR2			195.3*	18.9	100.0	0.0	57.5
LG SEEDS LG2585	168.8*	179.5*	195.2*	17.4	100.0	0.8	56.0
GARST SEED CO. 8450IT			193.6*	19.6	100.0	0.0	57.0
CROPLAN GENETICS 691BT/LL			189.3*	20.7	100.0	0.0	57.0
MYCOGEN 2H789			189.1*	19.7	100.0	0.0	57.0
PIONEER BRAND 33N56			186.4*	18.8	97.7	0.0	57.5
MYCOGEN 2T780(HX)			183.5*	20.7	100.0	0.0	55.0
DYNA GRO 57P69BT/RR		179.3*	183.3*	18.5	100.0	0.0	56.5
DYNA-GRO 57P46			182.4*	20.3	99.2	0.0	54.5
CROW'S 4911B		185.9*	178.3	16.8	100.0	0.0	56.0
SEED CONSULTANTS SC1124A			178.2	17.8	100.0	0.0	56.5
CROPLAN GENETICS 631RR/Bt			177.8	18.0	100.0	0.0	55.5
DEKALB DKC60-19(RR2/YGCB)		156.3	175.9	16.8	100.0	0.0	56.0
BIO GENE RRB1122		174.7*	175.5	17.4	100.0	0.0	57.5
PIONEER BRAND 34H32(YGCB)			173.4	17.5	100.0	0.0	58.0
ADLER 5010			173.1	18.1	100.0	0.0	55.5
DYNA-GRO 5545	165.5*	161.0	172.5	17.9	100.0	0.0	55.5
SO. STATES SS93008			172.5	17.1	100.0	0.0	56.0
GATEWAY 2612CL		179.4*	170.9	19.8	100.0	0.0	54.5
DEKALB DKC61-50			167.9	19.4	100.0	0.0	55.5
BIO GENE BG1115			166.2	17.7	100.0	0.8	56.0
AGRIGOLD A6395Bt		159.8	166.1	17.3	100.0	0.0	55.5
WYFFELS W6578(YGCB/CL)			166.1	18.3	100.0	0.0	56.0
DEKALB DKC61-45(RR2/YGCB)			165.7	19.0	100.0	0.0	56.0
PIONEER BRAND 34B24(YGCB)	179.8*	167.9	165.4	19.0	100.0	0.0	58.0
NK BRAND N65-M7	169.3*	168.1	165.2	18.8	100.0	0.0	56.0
WYFFELS W7260			163.4	17.5	100.0	0.0	56.5
GATEWAY 3912YGCBR		159.6	163.3	19.1	100.0	0.0	56.0
NK BRAND N70-T9		175.4*	163.3	20.1	100.0	0.0	55.5
GOLDEN HARVEST H-8959Bt			162.4	17.1	100.0	0.0	56.5
CAVERNDAL CF788RR		152.6	160.3	18.6	100.0	0.0	55.0
WYFFELS W7293(YGBT)			159.6	16.8	100.0	0.0	57.0
SEED CONSULTANTS SC10RR92	166.2*	153.7	159.4	17.0	100.0	0.0	55.0
GOLDEN HARVEST H-8906		151.2	158.6	17.2	100.0	0.0	55.0
SEED CONSULTANTS SC11B23			156.9	16.7	100.0	0.8	57.5
VIGORO BRAND V52Y41(YGCB)		156.6	156.4	18.6	100.0	0.0	55.5
AGRIGOLD 6445BTCL			156.1	18.4	100.0	0.0	56.0
WYFFELS W7303(YGCB)			156.1	17.0	97.0	0.0	57.5
BECK 5422CBCL		176.6*	156.0	18.3	100.0	0.0	55.0
GOLDEN HARVEST H-9006Bt			155.6	19.2	100.0	0.0	55.5
AGRIGOLD A4325			154.0	16.9	100.0	0.0	55.0
GATEWAY 9411Bt	170.0*	159.8	152.7	22.7	100.0	0.0	57.0
LG SEEDS LG2540Bt			152.6	18.3	100.0	0.0	54.5
EARLY CHECK	147.0	150.1	147.8	18.4	100.0	0.8	54.5
UNITY SEEDS 8209			142.8	16.6	100.0	0.0	56.0
EXSEGEN ES112	153.3	142.7	133.7	16.8	100.0	0.0	54.5
SO. STATES SS94003			131.3	18.9	100.0	0.0	55.5
EARLY AVERAGE	165.6	166.5	169.1	18.3	99.9	0.1	56.0
LSD (0.10)	14.8	17.7	29.8	1.5	1.3	0.5	1.6
C.V.			10.5	4.8	0.8	500.0	1.7

TABLE 15L. YIELD SUMMARY, 2004, LATE AVERAGE (118 DAYS TO MATURITY OR LATER), QUICKSAND, KY.

BRAND/HYBRID	YIELD BU/AC 03-04	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LODG % 2004	TEST WT LBS/BU 2004
PIONEER BRAND 32D99	218.2*	231.8*	21.1	100.0	0.0	58.5
PIONEER BRAND 31N28(YGCB)		209.4	20.3	100.0	0.0	59.5
CROPLAN GENETICS 895Bt		205.6	22.9	100.0	0.0	56.8
AGRIGOLD A2400Bt		203.9	22.3	100.0	0.0	58.2
PIONEER BRAND 31G66	193.5	203.4	21.0	100.0	0.5	57.8
DEKALB DKC69-71(RR2/YGCB)		201.2	22.0	100.0	0.5	58.5
NK BRAND N82-A7		200.2	20.4	100.0	0.5	57.5
CAVERNDAL CF1015RR2		195.9	22.2	100.0	0.0	59.2
GOLDEN HARVEST H-9461	181.1	195.5	20.1	100.0	0.0	56.5
VIGORO BRAND V58Y41(YGCB)	183.0	195.4	19.8	99.5	0.0	56.2
PIONEER BRAND 31N27	194.3	194.4	19.7	100.0	0.0	59.8
EXSEGEN ES617	178.5	194.2	23.9	100.0	0.0	57.2
GARST SEED CO. 8292YG1		193.3	22.1	100.0	0.0	58.2
AGRIGOLD A2402Bt		184.7	22.7	100.0	0.0	58.8
GOLDEN HARVEST H-9493Bt		180.8	21.6	100.0	0.0	55.2
LATE CHECK	151.0	148.4	23.3	100.0	0.0	55.5
LATE AVERAGE	185.6	196.1	21.6	100.0	0.1	57.7
LSD (0.10)	13.1	13.1	1.3	0.3	0.5	1.6
C.V.		4.8	4.5	0.2	372.3	2.0

* In any yield column, a hybrid mean followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

TABLE 15M. YIELD SUMMARY, 2004, MEDIUM AVERAGE (113-117 DAYS TO MATURITY), QUICKSAND, KY.

BRAND/HYBRID	YIELD BU/AC 02-04	YIELD BU/AC 03-04	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LODG % 2004	TEST WT LBS/BU 2004
PIONEER BRAND 33R77	202.7	202.0	223.5*	20.3	100.0	0.0	59.5
SO. STATES SS842RR	221.1*	219.5*	223.4*	22.6	100.0	0.0	54.8
SO. STATES SS849CL	198.1	210.0*	211.2*	23.1	100.0	0.0	55.5
DEKALB DKC64-11(RR2/YGCB)		188.7	206.7*	18.9	100.0	0.0	57.5
CROWS 6620B			202.2*	21.3	100.0	0.0	55.5
PIONEER BRAND 33P67(YGCB)	185.8	177.4	197.3	20.4	100.0	0.0	57.5
AGRIGOLD A4300Bt			195.6	18.8	100.0	0.0	55.8
MYCOGEN 2J787			195.4	20.5	100.0	0.0	53.8
DEKALB DKC64-10(RR2)	192.1	189.6	195.2	20.5	100.0	0.0	53.8
CAVERNDAL CF815RR2			194.6	21.7	100.0	0.0	55.5
DYNA-GRO 57K25			193.6	19.7	100.0	0.0	55.8
SO. STATES SSE42176			193.1	20.1	100.0	0.5	55.8
PFISTER 3977Bt	189.5	183.9	192.2	22.9	98.5	0.5	56.5
CROPLAN GENETICS 799Bt			192.1	21.7	100.0	0.5	57.2
PIONEER BRAND 33M54		191.2	190.0	20.4	100.0	0.5	58.8
GARST 8350YG1		177.0	187.0	19.6	100.0	0.0	57.5
CAVERNDAL CF837RR2YGCB		182.0	186.9	20.9	100.0	0.0	57.5
MYCOGEN 2P786(HX)			186.7	20.2	100.0	0.0	55.2
BIO GENE YGCB1143			185.6	21.9	100.0	0.0	54.5
WYFFELS W8603(YGCB)			184.7	19.8	100.0	0.0	55.2
PIONEER BRAND 33V15		168.6	183.3	18.3	100.0	0.0	56.5
DYNA-GRO 57F87YG		188.6	180.8	20.0	100.0	0.0	56.2
BIO GENE BG1150(YG)	181.4	174.6	180.5	21.8	98.5	0.0	56.2
MEDIUM CHECK	183.4	172.7	180.2	20.8	100.0	0.0	55.8
UNITY SEEDS 6296			180.0	18.6	100.0	0.0	54.8
GOLDEN HARVEST H-9364	171.8	168.4	179.8	19.6	100.0	0.0	56.2
DEKALB DKC63-81(RR2/YGCB)			178.7	18.7	100.0	0.0	58.2
LG SEEDS 2633Bt			178.2	19.4	100.0	0.0	55.8
AGRIGOLD A3400Bt			178.1	17.5	98.0	0.5	55.5
BIO GENE BG1132			177.6	21.2	100.0	0.5	55.5
VIGORO BRAND V5450			176.7	18.5	100.0	0.0	57.5
VIGORO BRAND V56Y51(YGCB)			175.4	19.8	100.0	0.0	56.2
CROPLAN GENETICS 721CRW/Bt			174.6	19.2	100.0	0.0	55.2
LG SEEDS LG2622Bt		167.7	174.0	20.2	100.0	0.0	55.5
EXSEGEN ES414			173.6	19.7	100.0	0.0	54.8
SEED CONSULTANTS SC1144			172.3	19.8	100.0	0.0	58.2
NK BRAND N76-H2			166.6	23.4	100.0	0.0	54.8
BECK 0296		176.0	166.1	21.4	100.0	0.0	53.8
GOLDEN HARVEST H-9236BT/RR			165.7	17.4	100.0	0.0	57.2
CROPLAN GENETICS 731HX/LL			163.3	20.6	100.0	0.0	55.5
SEED CONSULTANTS SC11B40			163.0	19.3	100.0	0.0	54.8
GOLDEN HARVEST H-9247Bt	160.5	162.5	162.2	17.2	100.0	0.0	56.2
ADLER 7400		169.3	158.4	19.9	100.0	0.0	53.8
DEKALB DKC63-80(RR2)			157.9	20.1	100.0	0.0	57.8
AGRIGOLD A6610		153.0	149.0	20.9	100.0	0.0	53.8
CAVERNDAL CF825YGCB		149.2	148.4	20.5	100.0	0.5	55.5
DEKALB DKC63-79(YGCB)			146.8	18.2	100.0	0.0	55.5
WYFFELS W8543(YGCB)		147.0	143.3	18.0	100.0	0.0	57.2
DYNA-GRO 57K14		135.2	141.9	19.1	100.0	1.0	55.2
PIONEER BRAND 33R78(YGCB)			141.4	20.8	100.0	1.5	53.5
MEDIUM AVERAGE	188.6	176.3	179.1	20.1	99.9	0.1	55.9
LSD (0.10)	13.8	15.7	23.0	1.6	1.0	0.8	1.6
C.V.			9.5	5.9	0.7	455.2	2.1

TABLE 15W. YIELD SUMMARY, 2004, WHITE AVERAGE (113-117 DAYS TO MATURITY), QUICKSAND, KY.

BRAND/HYBRID	YIELD BU/AC 02-04	YIELD BU/AC 03-04	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LODG % 2004	TEST WT LBS/BU 2004
MEDIUM CHECK	185.6*	180.1*	203.2*	20.0	100.0	0.0	58.2
PIONEER BRAND 33V62			193.0*	21.4	100.0	0.0	57.5
PIONEER BRAND 32T78	184.0*	181.8*	191.5*	22.0	99.0	0.0	57.5
ZIMMERMAN WX7663		164.5	190.0*	22.0	100.0	0.0	56.5
AGRIGOLD 6537W			184.7*	18.7	100.0	0.0	57.2
PIONEER BRAND 32B10			182.1	22.0	100.0	0.0	57.2
ZIMMERMAN 1851W	173.2	172.1*	181.4	21.6	100.0	0.5	55.8
ZIMMERMAN WX7313			180.0	20.0	100.0	0.0	58.2
ASGROW RX818W			139.8	22.1	100.0	0.0	55.8
White Average	180.9	174.6	182.8	21.1	99.9	0.1	57.1
LSD (0.10)	10.7	12.3	19.6	1.1	0.8	0.4	2.0
C.V.			7.5	3.6	0.6	519.6	2.5

* In any yield column, a hybrid mean followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

TABLE 16A. YIELD SUMMARY, 2004, HIGH OIL AVERAGE (113-117 DAYS TO MATURITY), LEWISPORT, KY.

BRAND/HYBRID	YIELD BU/AC 02-04	YIELD BU/AC 03-04	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LODG % 2004	TEST WT LBS/BU 2004
PFISTER 2540-19			219.2*	19.6	86.3	0.0	58.2
AGRIGOLD A6395 TC			211.6*	17.0	85.8	0.5	56.2
PFISTER 3977-19	176.9*	199.9*	202.4*	22.1	87.1	0.0	56.8
PFISTER 2550-19	167.9*	190.8*	201.2*	19.8	87.5	0.0	57.8
WYFFELS W7355TC	164.5	184.8	196.9*	20.8	80.8	0.0	57.5
AGRIGOLD 6490TC		183.2	187.8	20.1	79.6	0.0	56.2
WYFFELS W7185		179.1	181.8	18.8	82.5	0.0	55.2
AGRIGOLD AA6445TC		179.8	173.1	19.9	77.5	0.0	54.5
High Oil Average	169.8	186.3	196.8	19.8	83.4	0.1	56.5
LSD (0.10)	10.2	13.3	23.0	1.4	6.0	0.5	1.9
C.V.			8.1	4.9	5.0	489.9	2.3

TABLE 16B. YIELD SUMMARY, 2004, HIGH OIL AVERAGE (113-117 DAYS TO MATURITY), BENTON, KY.

BRAND/HYBRID	YIELD BU/AC 02-04	YIELD BU/AC 03-04	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LODG % 2004	TEST WT LBS/BU 2004
AGRIGOLD A6395 TC			191.4*	12.2	75.8	3.4	54.8
PFISTER 2540-19			191.2*	11.9	77.5	2.8	55.5
WYFFELS W7355TC	190.7*	193.8*	190.8*	12.7	74.6	2.2	56.2
PFISTER 2550-19	192.3*	194.1*	187.6*	12.4	80.0	1.6	55.2
AGRIGOLD 6490TC		200.7*	187.4*	12.6	74.2	0.6	56.5
PFISTER 3977-19	193.3*	188.5*	177.1*	16.1	76.7	2.2	54.5
AGRIGOLD AA6445TC		183.3	171.3	12.9	62.9	0.7	54.2
WYFFELS W7185		182.1	166.9	12.6	74.6	1.7	54.5
High Oil Average	192.1	190.4	183.0	12.9	74.5	1.9	55.2
LSD (0.10)	12.8	15.4	18.3	0.8	8.8	2.5	0.9
C.V.			7.0	4.5	8.2	94.1	1.1

TABLE 16C. YIELD SUMMARY, 2004, HIGH OIL AVERAGE (113-117 DAYS TO MATURITY), LEXINGTON, KY.

BRAND/HYBRID	YIELD BU/AC 03-04	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LODG % 2004	TEST WT LBS/BU 2004
AGRIGOLD A6395 TC		218.1*	15.3	88.3	1.4	54.5
AGRIGOLD 6490TC	204.7*	209.0*	16.3	90.0	0.9	55.2
WYFFELS W7355TC	205.4*	209.0*	16.5	89.6	0.9	55.8
WYFFELS W7185	194.4*	196.4	16.6	87.9	2.9	55.2
PFISTER 2540-19		173.8	15.8	87.1	2.4	54.5
AGRIGOLD AA6445TC	198.5*	173.8	15.9	81.7	1.0	52.8
PFISTER 3977-19	189.4	173.7	21.4	87.5	0.5	53.5
PFISTER 2550-19	181.9	160.0	16.0	89.6	1.9	53.8
High Oil Average	195.7	189.2	16.7	87.7	1.5	54.4
LSD (0.10)	14.1	19.5	1.6	4.1	1.8	1.1
C.V.		7.2	6.5	3.3	83.4	1.4

* In any yield column, a hybrid mean followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

TABLE 16D. ANNUAL SUMMARY, 2004, HIGH OIL HYBRIDS, ALL LOCATIONS.

BRAND/HYBRID	YIELD BU/AC 2004	MOIST % 2004	STAND % 2004	LODG % 2004	TEST WT LBS/BU 2004
AGRIGOLD A6395 TC	207.0*	14.8	83.3	1.8	55.2
WYFFELS W7355TC	198.9*	16.6	81.7	1.0	56.5
PFISTER 2540-19	194.7	15.8	83.6	1.7	56.1
AGRIGOLD 6490TC	194.7	16.3	81.3	0.5	55.9
PFISTER 3977-19	184.4	19.8	83.8	0.9	54.9
PFISTER 2550-19	183.0	16.1	85.7	1.2	55.6
WYFFELS W7185	181.7	16.0	81.7	1.5	54.9
AGRIGOLD AA6445TC	172.7	16.2	74.0	0.6	53.8
High Oil Average	189.6	16.5	81.9	1.1	55.4
LSD (0.10)	11.2	0.7	3.7	1.0	0.8

TABLE 16E. TWO-YEAR SUMMARY, 2003-2004, HIGH OIL HYBRIDS, ALL LOCATIONS.

BRAND/HYBRID	YIELD BU/AC 03-04	MOIST % 03-04	STAND % 03-04	LODG % 03-04	TEST WT LBS/BU 03-04
AGRIGOLD 6490TC	196.2*	16.7	86.5	2.0	56.2
WYFFELS W7355TC	194.7*	16.5	86.4	4.3	56.6
PFISTER 3977-19	192.6*	19.0	89.2	2.6	55.1
PFISTER 2550-19	189.0*	15.8	89.0	2.6	56.2
AGRIGOLD AA6445TC	187.2	16.2	84.6	2.6	54.4
WYFFELS W7185	185.2	15.8	86.0	4.1	55.0
High Oil Average	190.8	16.7	86.9	3.0	55.6
LSD (0.10)	8.0	0.6	2.6	1.0	0.6

TABLE 16F. THREE-YEAR SUMMARY, 2002-2004, HIGH OIL HYBRIDS, LEWISPORT AND FULTON, KY.

BRAND/HYBRID	YIELD BU/AC 02-04	MOIST % 02-04	STAND % 02-04	LODG % 02-04	TEST WT LBS/BU 02-04
PFISTER 3977-19	185.1*	17.1	85.3	2.4	55.3
PFISTER 2550-19	180.1*	14.9	84.7	2.2	56.6
WYFFELS W7355TC	177.6*	15.1	82.2	4.7	56.7
High Oil Average	180.9	15.7	84.1	3.0	56.1
LSD (0.10)	9.3	0.7	3.8	1.4	0.7

* In any yield column, a hybrid mean followed by an asterisk does not differ significantly (less than or equal to one LSD) from the highest yielding hybrid in that column.

TABLE 16G. ANNUAL SUMMARY, 2004, HIGH OIL HYBRIDS, CHEMICAL COMPOSITION, LEXINGTON, KY.

BRAND/HYBRID	PROTEIN	OIL	STARCH
% dry wt.....		
AGRIGOLD A6495TC	11.9	6.7	57.9
AGRIGOLD 6490TC	11.6	7.0	59.6
AGRIGOLD AA6445TC	12.6	6.8	58.6
WYFFELS W7185	14.4	8.3	55.8
WYFFELS W7355TC	12.8	7.3	58.3
PFISTER 3977-19	12.2	6.5	58.6
PFISTER 2550-19	11.4	7.1	59.2
PFISTER 2540-19	12.3	6.7	59.0
HIGH OIL AVERAGE	12.4	7.0	58.4

Note: To convert to 15% moisture multiply values by 0.85.

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